Datasheet for ABIN4917167

Human C10ORF112 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	C10orf112 (C10ORF112)
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PExp)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human MALRD1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	6471 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCTCTTCT TCCTGGACAG AATGTTGGCA TTCCCCATGA ATGAAACTTT TTGTTGCCTT TGGATTGCCT GTGTTTTCAA TTCTACACTG GCTCAGCAAG GGACAGAAAG CTTTCAGTGT GACAATGGAG TCTCCTTGCC TCCTGACAGC ATTTGTGACT TCACAGATCA GTGTGGGGAT AGCAGTGATG AACGGCACTG TTTGAATTAT GAAAGATGTG ATTTTGAGGA TGGTCTCTGT

CATATGACTC AAGATCAGAG TCTGCAACCT AGTTGGACAA AGAGAAGTGG GATGATTGGT
CTATCACCTC CATTTTATGA TCACAATGGT GATGTGTCTG CTCACTTCCT CTCACTGGTT
TCCAGAGTGG ATTCTATTTC CTCAAGTTTA AGAAGCAGAG TTTTCCTTCC AACAAATGAT
CAACATGACT GCCAGATTAC ATTTTATTAC TTCTCCTGCC AAGTGAGTGG CAAATTAATG
GTTGGGCTTC AAACTGCATG TGGAGGTCCT ATTCAGCATT TATGGCAAAA CACAGCTGCA
CTCCCAAATC AGTGGGAGAG AAATGTCATC AAAATCCAGA GTTCACAGAG ATTTCAGGTT
GTTTTTGAAG GTCAAATGGC TTCAACGTAT GAACAGGATG AAGTCATTGC TATTGATGAT
ATATCTTTCA GTTCAGGCTG CTTGCCTGCC AATGATGGAA TTTTACTGTG TCAAGAAGCA
TTGAATGCTG AGCGGGAGCT ATGCCATCCA GATACAGATC TCTGCAGATT TGATGCTACA
GATGAAGAGT TGAGATTGTG TCAGGCCTGT GGGTTTGAAT TTGACATGTG TGAGTGGACG
TCAGAAGCAT CTGCTGGCCA AATTTCCTGG ATGCGCACAA AAGCGAGAGA GATCCCTGCA
TTCGAATCCA CACCTCAGCA GGATCAAGGA GGTGATGATG AAGGTTATTA TGTATGGGTA
GGCGCTAAGC ATGGTTTCAC TCTTAACCAT TTAGACAGCA GGGCTTACCT AAATAGCTCT
GTGTGTCATT GCCTGGGCAA GAGCTGTCAT CTTCAATTCT ATTATGCAAT GGAAAGCAGT
GTCCTGAGAG TAAGACTGTA TAATAATAAG GAAGAAGAAA TATTTTGGAC ATACAACATA
TCAACTCACA GCCAATGGGT GAAAGCAGAT GTGTTAATAC CAGAAGATCT GAAGACATTT
AAGATTATTT TTGAAGGGAC TCTTTTGAGC CAGAGAAGTT TTATTGCCCT TGATCACCTC
TGGGTCTATG CCTGTGGACA GACCCAATCC AGAAAGCTTT GCTCTGCAGA CGAATTCCCT
TGCACTAGTG GCCAGTGCAT CGCCAAAGAA TCTGTCTGTG ACTCTCGGCA GGACTGCTCC
GATGAGAGTG ATGAAGACCC AGCAACTTGC TCAAAGCATC TCACCTGTGA CTTTGAGTCG
GGTTTCTGCG GTTGGGAGCC ATTTCTCACA GAAGATTCAC ACTGGAAGCT GATGAAAGGA
TTGAATAATG GAGAGCACCA CTTTCCTGCA GCTGATCACA CAGCAAACAT AAATCATGGA
TCGTTTATTT ATTTGGAGGC ACAGCGCTCC CCCGGGGTGG CCAAGCTTGG AAGTCCTGTT
CTTACAAAAT TGCTCACTGC CTCTACCCCA TGTCAGGTGC AGTTTTGGTA TCATTTGTCT
CAACATTCAA ATCTCTCAGT TTTTACAAGA ACGTCTCTAG ATGGAAACTT GCAAAAGCAG
GGCAAAATAA TCAGATTCTC CGAATCTCAG TGGAGCCACG CAAAAATTGA TCTCATTGCA
GAAGCGGGAG AATCTACTCT ACCTTTTCAG TTAATTTTGG AAGCTACTGT TTTGTCGTCA
AATGCTACCG TTGCTCTAGA TGACATCAGT GTGTCCCAGG AATGTGAAAT TTCCTATAAA
TCACTACCAA GGACCAGTAC ACAAAGCAAG TTTTCCAAGT GTGACTTTGA AGCAAACAGC
TGTGATTGGT TTGAAGCAAT TAGTGGTGAC CATTTTGACT GGATACGGAG CTCTCAGAGT
GAACTTTCTG CTGATTTTGA GCACCAGGCT CCACCTCGGG ATCATAGTCT CAACGCATCT
CAAGGGCATT TTATGTTCAT TCTGAAGAAA AGCAGCAGCT TGTGGCAAGT TGCTAAGCTT
CAGAGCCCAA CTTTCAGCCA GACAGGACCT GGATGCATAC TTTCCTTCTG GTTCTATAAC
TATGGCCTGT CAGTGGGAGC AGCTGAGCTG CAGCTACATA TGGAAAATTC TCATGACTCA
ACAGTGATTT GGAGAGTATT ATACAATCAG GGCAAACAAT GGTTGGAGGC AACCATTCAG
CTAGGGCGCC TTTCGCAGCC CTTCCATTTG TCACTAGATA AAGTCAGTCT GGGCATTTAT

GATGGGGTCT CAGCTATTGA TGACATCCGA TTTGAAAATT GTACTCTCCC TCTTCCTGCT
GAGAGCTGTG AAGGGCTGGA TCATTTCTGG TGTCGCCACA CCAGGGCTTG CATAGAAAAG
CTTCGGTTAT GTGATCTGGT GGATGACTGT GGTGATCGTA CTGATGAAGT CAACTGTGCA
CCTGAGCTGC AGTGTAACTT TGAAACTGGA ATCTGTAACT GGGAACAAGA TGCAAAAGAT
GACTTTGATT GGACCAGGAG CCAGGGTCCA ACTCCAACAC TTAACACAGG GCCAATGAAA
GATAACACTC TGGGCACAGC TAAAGGACAC TATCTCTACA TAGAATCTTC AGAGCCACAG
GCTTTTCAAG ACAGTGCTGC CTTACTCAGC CCAATCCTTA ATGCCACTGA TACAAAAGGC
TGCACCTTCC GCTTCTATTA CCACATGTTT GGAAAGCGCA TTTATAGGTT GGCAATCTAC
CAACGAATCT GGAGTGACTC AAGGGGACAG CTGCTGTGGC AGATATTTGG GAATCAAGGC
AACAGATGGA TTAGGAAACA CCTCAACATT TCCAGCAGGC AGCCCTTTCA GATATTGGTG
GAGGCTTCAG TGGGAGATGG CTTCACTGGA GATATTGCGA TTGATGATCT GTCATTTATG
GACTGCACCC TCTACCCTGG TAATTTGCCA GCAGACCTCC CAACTCCACC AGAAACGTCA
GTTCCTGTAA CATTACCTCC ACACAACTGC ACAGACAATG AATTTATCTG CAGGTCTGAT
GGTCACTGCA TTGAAAAAAT GCAGAAATGT GATTTTAAAT ATGACTGCCC TGACAAATCA
GATGAAGCAT CCTGTGTTAT GGAAGTTTGC AGCTTTGAGA AAAGAAGCCT GTGTAAATGG
TATCAACCAA TCCCAGTACA TTTGCTTCAA GATTCAAACA CATTCAGGTG GGGGCTTGGG
AACGGGATCA GCATTCATCA TGGGGAAGAA AACCACAGGC CATCAGTGGA TCATACACAA
AATACCACTG ATGGCTGGTA CCTGTATGCT GACAGTTCTA ATGGGAAATT TGGTGACACG
GCTGACATTC TCACTCCTAT CATTTCACTC ACGGGACCAA AATGTACCTT GGTGTTCTGG
ACACATATGA ATGGGGCCAC CGTTGGTTCT CTCCAGGTGC TCATCAAGAA AGATAACGTT
ACTTCTAAAT TGTGGGCTCA AACTGGACAG CAAGGTGCAC AGTGGAAGAG AGCAGAAGTG
TTTTTAGGCA TTCGTTCACA TACACAGATT GTCTTCAGAG CCAAACGTGG TATCAGTTAC
ATAGGAGATG TAGCAGTGGA TGATATTTCC TTCCAAGATT GCTCCCCTTT GCTTAGCCCA
GAGAGAAAGT GTACTGATCA TGAATTCATG TGTGCTAATA AGCACTGCAT TGCCAAAGAC
AAGCTGTGTG ATTTTGTGAA TGATTGTGCT GATAATTCAG ATGAGACTAC TTTCATTTGC
CGTACCTCCA GTGGGCGCTG TGATTTCGAA TTTGATCTTT GTTCCTGGAA GCAGGAGAAA
GATGAGGACT TTGACTGGAA CCTGAAAGCT AGCAGCATCC CTGCAGCAGG CACAGAGCCA
GCAGCAGATC ACACTTTGGG AAATTCATCT GGTCATTACA TCTTTATAAA GAGTTTGTTT
CCTCAGCAGC CCATGAGAGC TGCCAGAATT TCAAGTCCAG TTATAAGTAA GAGAAGCAAA
AACTGCAAGA TTATTTTTCA TTATCACATG TATGGAAATG GCATTGGGGC ACTCACCTTA
ATGCAGGTGT CAGTCACAAA CCAAACGAAG GTTCTACTTA ACCTCACTGT AGAACAAGGC
AATTTCTGGC GGAGAGAAGA ACTGTCACTG TTTGGTGATG AAGACTTCCA ACTCAAATTT
GAAGGTAGAG TTGGGAAAGG TCAGCGTGGA GACATTGCAC TTGATGACAT TGTGCTTACA
GAAAATTGTC TATCACTCCA TGATTCCGTG CAAGAAGAAC TGGCAGTGCC TCTTCCAACA
GGTTTCTGCC CACTTGGCTA TAGGGAATGT CATAATGGAA AATGCTATAG GCTGGAACAA
AGCTGTAACT TCGTAGATAA CTGTGGAGAT AATACTGATG AAAATGAGTG TGGTAGCTCC

	TGTACTTTTG AAAAAGGCTG GTGTGGCTGG CAAAACTCCC AGGCTGACAA CTTTGATTGG GTTTTAGGGG TTGGCTCTCA TCAAAGCTTA AGACCTCCCA AAGACCACAC ACTTGGAAAT GAAAATGGGC ACTTCATGTA TCTGGAAGCT ACTGCAGTGG GCCTTCGGGG TGACAAAGCA CACTTCAGGA GTACCATGTG GCGAGAATCC AGTGCAGCCT GCACCATGAG CTTCTGGTAT TTCGTATCTG CAAAGGCCAC AGGATCCATT CAGATTCTCA TCAAGACAGA GAAAGGACTA TCAAAAGTAT GGCAAGAAAG TAAGCAGAAC CCTGGTAATC ATTGGCAAAA GGCTGACATC CTGCTAGGAA AGTTAAGGAA TTTTGAAGTC ATATTTCAAG GTATCAGAAC AAGGGACCTG GGAGGAGGAG CTGCAATTGA TGATATTGAA TTTAAAAACT GCACAACTGT GGGAGAGATC TCTGAGCTTT GTCCGGAAAT CACTGATTTT TTGTGCCGGG ACAAGAAGTG CATTGCATCC CACCTTCTTT GTGACTATAA GCCAGACTGC TCTGATAGGT CTGATGAAGC TCACTGTGCA CATTATACAA GCACAACAGG AAGCTGCAAT TTTGAAACAA GTTCAGGAAA CTGGACCACA GCCTGCAGTC TTACTCAAGA CTCTGAGGAT GACTTGGACT GGGCCATTGG CAGCAGAATT CCTGCCAAAG CATTAATTCC AGACTCTGAT CACACGCCAG GTAGTGGTCA GCACTTCCTG TACGTCAACT CATCTGGCTC CAAGGAAGGA TCCGTTGCCA GAATTACTAC TTCCAAATCC TTCCCAGCAA GCCTTGGAAT GTGTACTGTT CGGTTCTGGT TCTACATGAT TGATCCCAGG AGTATGGGAA TATTAAAGGT GTATACCATT GAAGAATCGG GGCTAAACAT CCTGGTGTGG TCAGTGATTG GAAATAAAAG AACGGGATGG ACATATGGCT CTGTGCCTCT CTCCAGTAAC AGTCCGTTTA AGGTGGCATT TGAAGCTGAT TTGGATGGAA ATGAGGACAT CTTTATTGCT CTTGATGACA TCTCTTTTAC CCCAGAGTGT GTGACTGGAG GTCCTGTCCC AGTGCAGCCA TCACCCTGTG AAGCTGATCA GTTTTCTTGT ATCTACACAC TCCAATGTGT CCCTCTCTCA GGGAAATGTG ATGGACATGA AGACTGCATA GATGGATCTG ATGAAATGGA TTGTCCTCTC AGCCCCACCC CTCCACTCTG TAGTAACATG GAGTTCCCGT GCTCTACAGA CGAGTGTATA CCTTCCCTCC TGCTATGCGA TGGAGTGCCC GACTGCCACT TTAATGAAGA TGAGCTCATC TGCTCCAACA AAAGCTGTTC TAATGGAGCT CTGGTGTGTG CCTCCTCCAA CAGCTGTATC CCAGCCCACC AGCGCTGTGA TGGTTTTGCC GACTGCATGG ATTTCCAGCT TGATGAGTCC AGCTGCTCCG AATGTCCATT AAATTACTGC AGAAATGGTG GGACTTGTGT AGTGGAGAAA AATGGTCCTA TGTGTCGATG TAGACAAGGC TGGAAAGGAA ATCGATGCCA TATCAAGTTT AATCCTCCTG CTACAGACTT CACATACGCT CAGAATAATA CATGGACTCT CCTGGGTATT GGATTAGCAT TCCTGATGAC TCACATCACA GTTGCAGTCT TGTGTTTTCT TGCAAACAGA AAGGTACCAA TAAGGAAAAC CGAGGGAAGT GGTAACTGTG CCTTTGTCAA TCCAGTTTAC GGGAACTGGA GCAACCCAGA GAAAACAGAG AGTTCTGTCT ATTCCTTCTC AAACCCATTA TATGGCACAA CATCAGGAAG CCTGGAGACC CTGTCACATC ATCTCAAATA G
Specificity:	ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology
Characteristics:	Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database

Product Details

	(RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.
Sequencing Primer:	• Forward primer: 5'-TAATACGACTCACTATAGGG-3' • Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene:	C10orf112 (C10ORF112)
Alternative Name:	MALRD1
Gene ID:	340895
NCBI Accession:	NM_001142308

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	• Keep the vial sealed and store at -20°C for long-term storage. • Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C. • Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA. • If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA. • Close the lid and vortex the vial for 1 minute. • Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.
Expiry Date:	12 months

Publications

Product cited in:	Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)