

Datasheet for ABIN4944439

Human C2ORF78 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	C2ORF78
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 C2orf78 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2769 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCACTGGT TGGCTTCAGC CACCCAGACA TCCGCTAGTA TCGTCTCTTC TTCCCTTCTA TCTGCAGTTG ATGTTTCTTC TTCTCTGACC ATGTCAGAAT ATTTCCAAAA TACGTCTTTA CCTGGAAGT CAAATTCTCG GCAGTTCTCT CTCCTGTGG TGAGCAATGC AGCTTTCTTA ACAGGAAGCA TCTCCAAGT CTCCAGAGCC TCTGCTCCAG CCATCAGCTC AGCATGGCTA

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

CAGCCATCAG CCTCTGGCAC CTCCTTCCAG CCACTCATGG GCAGTGCCTA CCTTTACCAA
CATTCTAGCA CAACTATGTT GTCTGGGGTT ACTGGCCAGA GCCATATCTG TACTTCAGCT
GCCTCTTATC CAGGCGTTTT TGAGTGGGAT AGTACAGCAA GCACAGTAAA GAAGTCATCC
TCACTCAGGG ACTTCACTGT GACTGTCATT GATCAGAACA CAGCTGTCTC TTCCATGTCT
ATGACAGCCC AGTATTATAA AACTTCAGAT ACCAATACTA TGGTCCCTCT GTATCCATCA
CTATCTGCCA GCCTTGTTCA GGGGACACTA ACTCAAATTC CAAATCAGCA GGGCCATAAC
CTGTCACTTC CCTGCCAGAT AGGAAGCCAG GTCTATTACT ATAATCAAGG CACACTGGGG
CCTCAACTAT CCTGCCTGCA ATCTTATGGC TCTGTGTCAT ACACAGGATA TAGGGCTTCT
GCCCATCAAC CAGAAATGGT GATGGTGCTG AAGGAGGTTT AGCCACAAA TGTCTACCA
CCAGTCTCTA CTTCTGGGAT GTATTACTCT GTGTCTTCTC AACCCATCAC AGAAACCACT
GTTCAAGTGA TGGAACTTC CCTGGGGATG GATACTTCCC TGGGATTGCA ATCTCCAAGC
CAGACATTTT GTCTGCCACA AACTCCAGAA TTCTCCAAGT CCTTCAGTAG CAGAAATACC
CAGACACTTG AGAGTAACCC ATCACCTGAG CTTGGGGACA TTTCAATAAC TCCAGTCCAG
AGTCCTACTA ATCTCTTGAC ACTGTCTCCA GCTCCAAGCC AGGAAAAAAAA TGAGAATGAG
AATTTGGATG AGATTA AAC CAACCTTTCA AAGCCTCTAG ATGTCCACCA GATCCTAATA
GGAAATCAAG ATCCTCCACT ACTTCCTGTA GAAATCCCCG ATATTCACCC GCTTCTGGCC
TGCATTGATC CTCTTGCCA AGAGGAGCAG CCTGGTTCTG AAAATGCCAA TCTAAGAAAT
AAGAGCCTGA GTCTTGAGGA CCAAGGGATA TTTGAAAATG GGATTGAGTC TAGCAGTGAT
TTGGCAGACA TCACTACATG GGTGGAGGAT ACTTACCTCC CCCCAGTCTT CAGTTCCTTA
CAAGATCTTG ACCAACCTGA AAGTCCCTCA GCAAAGAAAG CCAAAGATAC CAGTGCCATC
AAGGTAAATC AAGTGCAGGA AAAGTCATGT GTCATAAAGG GTCACTCTGA TCAAGTCAGG
AAGAACAAGC ATAAAGCTTC CGAGCCTATC CAGGGTGCTC CCAAGGCCAA AATCCAGCCA
AAGAACCCAG AGTGCCTATT AGAGAGAGAA GTGGTTGTTG GCAGTGCTAC AGTCAGTAAC
AGCGCTTCTG TGAACAAGGC CAAGCATTCT AGCAACAAAC CTCACAAGGC TGCATCCAGC
AGGATCAGCA AAATAAGAG CCATGGGCAG GAAAAGACCA AAGGGAACAG AAAGAACAGC
TCCAAGAAAT CTGAAGAGAG TAAGCAGTCA GGGAAAAAAG TCAAGGTAGA AGAGAAGCAA
ACCATTCCCA ATATGAAACG GAAGAAAAAT CAACCTGAGC TTAGCCAAAA GACCCTTAAA
AAGCCCCGAA GCTCCCTAGG CATGCACATG CTAGAGTCCG TGCAAGTTTT CCATGCACTC
GGGAAAAAGA TCGATATGAA AACTGGATTC TCTTCTCCA GGACCCTGGG AAGCTCAAGC
AACACCCAAA ACCGCCAGCC ATTCCAGCT CTCAAACCAT GGCTGGATAT CCAACATGAG
GGTAAAGGCC CGGAGAAAAT TCAAGTCAAG GCCCAGAAAC TAGATGGTAG TGCTGAAAAA
GAGTGTACAT CTCCATCCCA CTCTGAGTTG CCACCACCTG GGAAGGTCAA GTTGATACCT
TTGCCCTTTC TGACCCTGGA CCAACCTCAA GCTCGACATG TTTCTCGGCG GCCAAACCCT
CTAGCCTCAC GTAGGCCTGC TGTGGCTTAC CCTGCTCGAC CTGATTCTAC TAACTCAGCT
CAATCGAATG CAGTCAATCC ATCCCGACCA GCTCCTACCA ACACATCTTT GACAGGTCCT
GCCACACCAG CTCAGCCAAT TTCAGCCAAA GCAACCCAAC CCAGTTCAGC CAACCCTACC

Product Details

CAGCCTACTG TCCCTCAATC TGCTGCTTCT AGGCCATCAG CCTACAAAAC ATCATCTTGT
TCTTCTCTGC AGCGGGAGCC TGTTTCCACT GCTGTGACCA GTCTCCGGTC ACTGCCCAAG
CCTCAAAATC AATTTCTAAT CCAAGACTTC AGCCTCCAAC CCCGTCCATG GAGGAAACCC
ACTGTTCTCTG AGCCAGTAAT GTCAACGCC ATCACAGAAG AGCAGAGGCC AGAGCGTGAG
GCCATGAAGA GAAAGGCTCA ACAAGAGCGT GAGAATGCTG CCAATACAC CTCTTTGGGG
AAAGTGCAGT TTTTCATTGA AAGGGAAAGA GATATGGAAA TTGCTGAATA CTATGGCTAC
ACAATCTAA

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 (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: C2ORF78

Alternative Name: C2orf78

Gene ID: 388960

NCBI Accession: [NM_001080474](#)

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.

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

Page 3/4 | Product datasheet for ABIN4944439 | 09/13/2023 | Copyright antibodies-online. All rights reserved.

Handling

- 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)