

Datasheet for ABIN4945758

Human KIAA1755 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	KIAA1755
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 KIAA1755 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	3603 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGACCCTC CATCCCTCGA CACAGCCATC CAGCATGCC TGGCGGGCCT CTATCCTCCT TTCGAGGCCA CAGCACCCAC CGTCCTGGGT CAGGTGTTCC GTCTCCTGGA CTCTGGCTTC CAGGGGGATG GGCTGAGCTT CTTTCTGGAT TTCCTGATCC CTGCCAAGCG CCTGTGTGAG CAAGTGCGAG AAGCAGCCTG TGCTCCCTAC TCACACTGCC TCTTCTTACA CGAGGGCTGG

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CCACTCTGTC TGAGGGATGA AGTTGTGGTC CACTTGGCAC CCCTCAACCC TCTCTTATTG
CGCCAGGGTG ACTTCTACCT CCAAGTGGAG CCCAGGAGG AGCAGTCTGT CTGCATCATG
ATCAAATGCC TCTCCCTGGA CCTCTGCACA GTGGACAAGA AGCCTGTTCC AGAGCCAGCC
TACCCTATAC TTTTCACCCA AGAATGGCTG GAGGCCATCA ACAGTGACTT TGAGGGAAAT
CCCCTACACA ACTGCTTGGT AGCATCAGAA AATGGGATTG CCCCTGTGCC TTGGACCAAG
ATAACCAGCC CAGAGTTTGT GGATGACAGA CCCCAAGTAG TGAATGCCCT CTGCCAAGCC
TGGGGGCCCC TTCCATTAGA GGCAGTGGAT TTGAGCAGCC CTCAAGAGTT GCACCAGGCC
AGCTCCCCAG ACAACCAGGT GCTTCCTGCC CAGAGTTTGG CCAAGGGTAA GGCAGGACA
TATGGGAGCA AGTATCCAGG ACTCATCAAG GTGGAGCAAG CCCGGTGTGG GGAGGTGGCT
TTCAGGATGG ACGAGGTGGT CAGCCAGGAC TTCGAGGGAG ACTATGTGGC TCTCCTAGGC
TTTTCCAAG AGAGCAGAGG AGAGTCTCCC AGTAGGGAGG CAGGCACATC CAGTGGGTGT
ACTTCTGGGG CACTAGAGGA GATAGCTGGA ACTAAGGAAA CTCCCTTATT TCAAAAGATA
CTGCCTCTCT CAGAGGCCAA TGAAGGACCT TCCTTGGGAA ATCGGGCTTG CACAAAGCCA
GAAAGCTCTG AGGAGAGGCC CTATAATTTG GGCTTCAGGA GAAAGGTCAA TCTTAAAGCA
CCCACCCACA ACTCAGAAAG GCCGCCCAA GGCTCCTACA TGAATGTCCT TGAGGACGCA
CTGGACTGTG CCTCTGGTCT CAGGGCAGGT GTCTCACAAG AGCCAGCTGC CTCCAAGATG
CAGGGACCTC TAGGAAACCC AGAGAATATG GTGCAGCTCA GGCCTGGACC AAGACAAGCC
TCCTCTCCCC GCCTGTCCCC AGCTTCTCCT GCAGCTGCAG CCTCTGAAAC AAAGATAGAG
GTGAAGACCA AAGAGAGAAA TGGGAGACTT CCCAAGCCCA TGCCCTGCCC TAGCAGAAAC
ACCTCCTCCC CTGAGCCCCC CACTCCTGGG CTCAAATTCT CATTCTTGAG AGGGCAGAGG
CAACCCTCTG TGACCCCGGA GAAAGCCTCA CTCCAGCACA ATGGGCCCTG GAAAGTCCTG
TGTTCCCTCT ACTCTCCTAA ACCCAACCGA GCCAAATCTT TGGGGAAAGC TGGAACAAC
CAGACCAAAA CATCTGGCCC AGCCACTGCC CCCAGCCCAC TGAAGGAGGA AAAGGCTGCC
TTGCCAGAAG CTTCTGCAGG CTCCCCAGAA AGAGGCCCCA CCCTGGAGGA GGAGCCCCCA
GGGCCTGAGC CCAGGATTGG GGCTCTAGGT GTCAAGGTTT TCCGCTCCAG GATAGCATGC
CTGCCAGGTG GCCGGGACAG GGCCGGGCGG CCCCTGCTTC TGGTGTCAAC TACAGAGGGG
GCCTGGGAGG CACCATGGTG CACAGTTTCA GAGGTCACCA AGCTACTGTC CTACCTGTGT
ACCATCCCCA GGCCTGAAGA TAAAGCCAAG GGGCTGGCGG TCCTGATTGA CGCCAGGAGA
CAGCCCCAC AGCCCGGTCT GGTGAGCGCC CTGCAGGCCA CCCAGGCTCA GGTCCCAGCC
TCTATCCGGG CTATTCTCTT CCTGGGGGAG AAGGAGGCGG CTCTCCAGCT GCAGACATTA
CCTGACGTCC AGGTGGAGGT GCTGACCTCA TTGAAGGCCC TCAGCCACCA TGTGGACCCC
AGCCAGCTGC CCGCAGTCCT GGAAGGCCCC TTCCCCTACT GCCACACCGA GTGGGTTTAT
TTCTTCCAGA AGCTGGACCC TTTCTTGCT GACCTCCACC AGGCCTCTTC CCTGCTACAA
GCTTCCATCG AGGAATTCGA GAAGGCCGAC CCCCTGGGG GGATGCAGGA GGCTACCAGG
TGCCCTGAGCA AGTCCAAGGA GCTGATGGAG GCTGTGCTGA GGGACCCCGG CCTACTGGGC
CTCCAGCGGG AAGGTGGAGC CACCCTGGCC AGGCTGCAGC ATGATGCCAG CAGGCTGGAC

Product Details

TTCAGCCCTG ATGTCAGGAG CCATCTGGCT GCAGCCACTG CTTGTACAG CTTGTGGAC
GAGCAGCTTC ATGTTCTGGT CACCGCTTCC AACAGCCTCC TGGGGAAGCT GGAGCTCCGT
GTCCGCCTGG GCCGCCTGGA AGCTGCCATT CACCAGGTCA GCGACTGGAT GGAGCAGGAA
GGAAGGCGGT GCCTGCAATC ACTGACCCCC AAGGATGGAA GTTTGGAGAC AGTGGAGAAA
GCCCACGCAG AATTTGAGAA CTTCTTCTC CAGGCTGCAG CCCAGTACCG CCGAGGCCTG
GAGCTGTCCA AGCAGGCCGC TCAGCTGGGA GCTACAGCCA GAGGGGCTGG GGAGGCAGAA
CGTGCAGAGT TCCCAGAGCT GGCAGCCTTT GCCTCTACCC AGCGGGCCTT CCAGGCTGAG
CTGACCCACT TTTACATGGC GGCCGAGCGG CAACGCACGG ACCTCGAGAC GCTGCTCCAC
CTGCACCGCT TCTGCAAGAG GATGACCTGG TTCCACATGG ACTGTCAGGA CCTGATGGCC
CAGCTCAGGC TGGACAAGAC CTCAAGGTC AGTCCTGGGG ACCAGCGCCG CCTCCACCGC
TACCTGCAGC GACTGGCATC TGAGTTCCT GCTGAGAAGC TCGCAGCCGT GGGGCTGCAG
GTGGCCTCCC TGAGCCGGGC AGGCCTGGGC CAGGAGCTAT GGGAGGAGGC CCGGATCAGG
CATGAGGAGA TCCGGATGCT CCTGGAGAAG GCACTGACCC ACAGCTCTTG CCCAGAGGCT
CCAGCTGCTC ACTCAGCGCG CCCAGAACGA AGAGGGGTGG CAGCCAAGGG CCAGGGTGTG
AGTGTAGAGG TCACTTCAA GGGGAGGTGG GATCAGCCTC CACTAGACTC ACTGGGCATG
GACCATTTGC CAAAGTCCTA TTGGCCTCCT GGGCCCCCA GAGGGGAACA GAACAGAAGT
TTCCAGGCAG GCTCTCCACC CCAGGAAGCT GGCCAGGCTG CAGAGGCTGA AGACGGCAAA
GGCTCCCACA AGCTGCCTGA CCCTGCCCGC GAGCATTTCG TCGCCACCAC CTTCTTCCGG
CAGCAGCCCC CCAGGCAGAG CCAGGTCCCT CGCCTCACTG GGGGCAGCTT CTCCTCAGAG
GGGACAGACT CACAGACATC CCTTGAGGAC TCACCCAGCA CAAGTCCCCT TGCTCCCTC
TAG

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: KIAA1755

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Target Details

Alternative Name: KIAA1755

Gene ID: 85449

NCBI Accession: [NM_001029864](#)

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)