Datasheet for ABIN4943500

Human KIAA1407 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	KIAA1407
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 KIAA1407 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2811 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCTCCTGG CGCCTCAGGG AAGGTCCTTC TCAAAGAAAA GGATGGGGCT GAATCGCTGG AAACGGTTCA CAAGGAAGCC GAGTCCCAAG CCTACTTTTG GTCCTGACAG TGTGGAACAC TGGATAAAGA GAGTGGAGAA AGCCTCAGAG TTTGCAGTGT CAAATGCATT TTTTACTAGA AATTCAGATT TACCTAGAAG TCCCTGGGGC CAAATCACAG ATTTGAAAAC ATCTGAGCAA

ATAGAGGATC ATGATGAAAT CTATGCAGAA GCTCAGGAGC TGGTCAATGA CTGGTTAGAC
ACCAAACTTA AGCAAGAATT AGCAAGTGAG GAAGAAGGTG ATGCTAAAAA CACTGTGTCA
AGTGTCACTA TTATGCCGGA AGCCAATGGC CATTTGAAAT ATGACAAGTT TGATGATTTA
TGTGGCTATT TGGAGGAAGA AGAGGAAAGT ACCACCGTTC AAAAATTTAT AGACCATCTG
CTCCATAAAA ATGTGGTAGA TTCTGCAATG ATGGAAGATC TTGGAAGGAA GGAAAACCAA
GACAAGAAGC AGCAGAAGGA TCCTCGTCTT ACCATGGAGA TGAGACATAA GCAGGTAAAA
GAAAATCGCT TAAGACGTGA GAAAGAACTG GAGTACCAGA GAATAGAAAA GACCCTGAAA
AAATCGGCCT TCTTGGAGGC TCAGTGTCTG GTGCAAGAAG AGAAGAAAAG GAAGGCTCTG
GAGGCCAAGA AAGAGGAAGA GGAGATTCAA AGGGAGATGG TGAAGCTGCG GAGGGAGATA
ATTGAGAGGA GACGCACTGT GAAAGCAGCA TGGAAAATAG AGAAGAAAAG GCAAGAAGAG
AATTCTCAAA ATAGTTCAGA AAAAGTCATG TTTCAAAGTA CTCACATTCT TCCAGATGAG
GAAAAAATGG TGAAGGAAAG AAAAAGGAAA TTGAAAGAAG TATTAATCCA AACTTTCAAA
GAAAATCAAC AGTGTCAAAA ACGGTATTTC GCTGCCTGGC ACAAGCTGAT TCTTGATCAT
AGGATTAAGC TGGGGAAAGC TGGGACCCTG TCTGACTGGA AGATTCAGCT GAAGGTCCTG
CGGGCCTGGA GAGACTACAC AAGATTCCAG AAGTTGGAGC GGGAGACTCA AGCCTTGGAA
AATGATCTTA GGGAAGAAAA CAGAAAACAA CAACTGGCCA CTGAGTATAA CCGGAAACAA
GTTCTCCGAC ACTGCTTTAC AGAATGGCAG CATTGGCATG GCGCCGAGCT CCTGAAGAGA
GAGCTGGCTC TCACAAAAGA GGAAACTAGG AAGAAGATGG ATGCACTGCT GCAGGCAGCA
TCACTGGGGA AACTCAGTGC CAATGGGTTA TCAGGCATCA GTCTACCTGA GGAGGCAACA
GCCATGGTGG GTCCACCAGT AAAAAATGGA CAGGAGACTG CTGTGCCCCC TTTGTGGGAA
AAGCCTCCCT TGGGAAGCAG TGGTTGTATG CTCAGTCCTC CCCTGGGAAG AACAACAACA
GGCAACTTGC AGGGTTCCCT TCAGAATGTC TCTCTGAGTG CACCTGGCAA TAAGCAGCAC
AAGACCCTGG GTGCTGAACC CTCTCAACAG CCTGGCAGCA ACGAGACACT CAGAACTACC
AGCCAGAAAG CAGAACCGCT TTGCTTGGGT CATTTCCACA ACCGCCATGT CTTCCAGCAA
CAGCTGATTG AGAAGCAAAA GAAGAAACTT CAGGAACAGC AGAAAACAAT TCTCGAGCTG
AAGAAAAACC TGCAGCTGGC AGAGGCTCAG TGGGCAGCAG AGCATGCCTT AGCAGTCACA
GAAGCACAGA GCCACCTGCT GTCAAAGCCC AGAGAAGAGG AACCAAGAAC CTGCCAGATG
CTTGTGAATT CACCTGTTGC TTCCCCTGGG ACTGAAGGCA GAAGTGACTC CCGAAATTCT
CTTTCTGGAC TCAGAAGGAA ACCAAAGCAA TTGATGACAC CGCATCCCAT ACTAAAAGCT
ATGGAAGAGA GAGCAATTCA ACGAGCTGAA TGTAGGCGGA TCTTGGCAGA GAAGAAGAAA
AAACAAGAAG AAGAAAAATT GGCCCAGTTA AAGGCCCAAG AGGAGGAACG TCAGAAAAGG
GAGGCAGAAG AAAAGGAGGC ACAGCTTGAA AGAAAACGAG AAGAGAAGAG ACTGAAGAAA
ATGAAAGAAC TTGAGAAGCA GAAGAGAATT AAGAGGAACC AGCAGCTGGA AGCAATAGCC
AAAGAACATT ATGAAAGGGT CTTGCTAAGG AAAAAAGGTC TAGAGCCTTG GAAGAGATTG
AGAATGCAAA GCAAACAAAA CATCCAGGTG GCAGAAGAAC ATTACTCTTT GTTCCTGCAG
AGGAAATACA TGCTGACGTG GTTCCAGCGT AGTCAGGAAA GTCTGGCTAG AAAGATGGCC

Product Details

	CAGGCTGATC AATTTTATTC CCAAATACTG CTTAAGAGAG TCATCCAGAG CTGGCTACAG TACGTGATTG ATCTGCAGGA AGAAGTAAGA AAATTTTGTG TACATTTTCT TCAAAAGAAG ATTTTCAGGG CCTGGTTTAA CATGGTCAGG GAGGTGAAGA TCGATTCTCA GGGCAAGCAT GAGATTGCAG CGGAGCACAG TGACAGGAGG ATCCTCTGGA TCACCCTTCG GACATGGAAG AAGTTTGTAA AATTTATGAA AGAGGAAAGA GTAAAAGAAG AAAGGCGACA GCAACTTCGT AGGAAGGTAG TTGAAATTCT TCCAGACTTC CAGGTACCTG GAAGGTACCA CGAGCTATAT CAGCAATCAG ATACTTGGTC CTTGAGTAAG ACAAGTCTGG TGAACGAATG A
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:	KIAA1407
Alternative Name:	KIAA1407 (KIAA1407 Products)
Gene ID:	57577
NCBI Accession:	NM_020817

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.

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)