Datasheet for ABIN4917341

Human ANKHD1-EIF4EBP3 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ANKHD1-EIF4EBP3
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 ANKHD1-EIF4EBP3 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	7854 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCTGACTG ATAGCGGAGG CGGCGGCACC TCCTTTGAGG AGGACCTGGA CTCTGTGGCT CCGCGATCCG CCCCAGCTGG GGCCTCGGAG CCGCCTCCGC CGGGAGGGGT CGGTCTGGGG ATCCGCACCG TGAGGCTCTT TGGGGAGGCC GGGCCAGCGT CGGGAGTCGG CAGCAGCGGC GGCGGCGGCA GCGGCAGCGG TACGGGCGGA GGGGACGCGG CGCTGGATTT CAAGTTGGCG

GCTGCCGTGC TGAGGACCGG GGGTGGAGGT GGTGCCTCTG GCAGTGACGA GGACGAAGTG
TCCGAGGTTG AATCATTTAT TTTGGACCAA GAAGATCTGG ATAACCCAGT GCTTAAAACA
ACATCAGAGA TATTCTTATC AAGTACTGCA GAAGGAGCAG ACTTACGCAC TGTGGATCCA
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CATGCTAATG TTGAAGATCG AGGGAATAAA GGAGACATAA CTCCCCTGAT GGCAGCTTCC
AGTGGAGGTT ACTTAGATAT TGTGAAATTA TTACTTCTTC ATGATGCTGA TGTCAACTCC
CAGTCTGCAA CAGGAAACAC TGCGCTAACT TATGCATGTG CTGGAGGATT TGTTGACATT
GTTAAAGTGC TCCTTAATGA AGGTGCAAAT ATAGAAGATC ATAATGAAAA TGGACATACT
CCCTTAATGG AAGCAGCCAG TGCAGGTCAT GTGGAAGTTG CAAGAGTTCT TTTAGATCAT
GGTGCAGGCA TCAACACTCA TTCTAATGAA TTCAAAGAAA GTGCTCTAAC ACTTGCTTGC
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CCACCTACAT TTGGCCCAGC CACACTTTTC AATCACTTCA GCAGTCTTTT TGATAGTAGT
CAGGTGCCAG CTAACCAGGG CTGGGGAGAT GGTCCACTGT CCTCACGAGT TGCTACAGAT

Product Details

	GCCTCTTTCA CTGTTCAGTC AGCGTTCCTG GGTAACTCAG TGCTTGGACA CTTGGAAAAC ATGCACCCTG ATAACTCAAA GGCACCTGGC TTCAGACCAC CTTCCCAGCG AGTTTCTACT AGTCCAGTTG GGTTACCATC CATTGACCCA TCAGGCAGCT CCCCATCTTC CTCTTCTGCT CCTCTGGCAA GTTTTTCCGG CATACCAGGA ACAAGGGTTT TCCTGCAAGG GCCAGCTCCT GTTGGGACTC CTAGTTTCAA CAGACAACAT TTTTCTCCCC ATCCTTGGAC AAGCGCCTCA AACTCATCCA CTTCTGCCCC ACCAACGTTG GGCCAACCAA AAGGAGTCAG TGCCAGTCAA GATCGAAAGA TACCTCCCCC AATTGGAACA GAGAGACTGG CCCGAATTCG GCAAGGAGGG TCTGTTGCAC AAGCCCCGGC GGGGACCAGT TTTGTCGCTC CCGTTGGACA CAGTGGAATC TGGTCATTTG GTGTCAATGC TGTGTCAGAA GGCTTATCAG GTTGGTCGCA ATCTGTGATG GGGAACCATC CAATGCATCA ACAATTATCA GACCCAAGCA CATTCTCCCA ACATCAGCCA ATGGAGAGAG ATGATTCTGG AATGGTAGCC CCCTCTAACA TTTTTCATCA GCCTATGGCA AGTGGTTTTG TGGATTTTTC TAAAGGTCTG CCAATTTCCA TGTATGGAGG CACCATAATA CCCTCTCATC CTCAGCTTGC TGATGTTCCA GGAGGCCCTC TGTTTAATGG ACTTCACAAT CCAGATCCTG CTTGGAACCC TATGATAAAA GTTATCCAAA ATTCAACTGA ATGCACTGAT GCCCAGCAGG CCAGTCTGCT TCCTTCAGTC CCTGCTCTCA AAGGGGAAAT CCCATCACCT CAGCTAACCA GACCGAAGAA GAGAATTGGA CGGCCGATGG TGGCCTCTCC TAACCAGAGG CACCAGGATC ATCTACGACC GAAAGTTCCT GCTGGAGTGC AAGAACTCAC CCATTGCCCG GACACCCCCC TGCTGCCTCC CTCAGATTCC CGGGGTCACA ACTCCTCCAA CAGCCCCTCT CTCCAAGCTG GAGGAGCTGA AGGAGCAGGA GACAGAGGAA GAGATACCCG ATGA
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:	ANKHD1-EIF4EBP3
Alternative Name:	ANKHD1-EIF4EBP3
Background:	The ANKHD1-EIF4EBP3 mRNA is an infrequent but naturally occurring readthrough transcript

Target Details

	of the neighboring ANKHD1 and EIF4EBP3 genes. This readthrough transcript encodes a protein composed mostly of the multiple ankyrin repeats, single KH-domain protein, with its C-terminus encoded in a different reading frame from the shared portion of the EIF4EBP3 gene. The significance of this readthrough mRNA and the function of its protein product have not yet been determined. [provided by RefSeq, Nov 2009].
Gene ID:	404734
NCBI Accession:	NM_020690

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)