

Datasheet for ABIN4932461

Human C15ORF38-AP3S2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	C15ORF38-AP3S2
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 C15orf38-AP3S2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1185 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAGCCGCA TCTACCACGA CGGCGCGCTC CGGAACAAGG CGGTGCAGAG CGTCCGGCTG CCAGGGGCCT GGGACCCCGC CGCCACCAG GGGGAAATG GTGTCCTGCT GGAGGGAGAA CTGATCGATG TATCTCGGCA CAGCATCTTG GACTCATG GCAGGAAGGA GCGCTACTAC GTGCTGTATA TCCGGCCCAG TCACATCCAT CGCCGTAAAT TCGACGCCAA GGGAAATGAA

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Product Details

ATCGAGCCCA ACTTCAGCGC CACCAGGAAG GTGAACACGG GCTTCCTCAT GTCGTCCTAC
AAGGTGGAAG CCAAGGGGGA CACTGACAGG CTCACGCCCC AGGCGCTGAA GGGGCTGGTC
AACAAGCCAG AGCTGCTCGC GCTGACAGAG AGCCTCACCC CCGACCACAC AGTGGCGTTC
TGGATGCCCG AGTCAGAGAT GGAGGTGATG GAACTCGAGC TGGGGGCCGG GGTACGGCTG
AAGACTCGGG GCGATGGTCC CTTCTGGAT TCATTGGCCA AACTTGAGGC TGGAACAGTG
ACCAAGTGTA ATTTCACTGG TGATGGAAAG ACAGGGGCAT CCTGGACAGA CAACATCATG
GCCAAAAGT GTTCGAAGGG GGCTGCAGCG GAGATCCGAG AGCAGGGGGA TGGGGCAGAG
GACGAGGAGT GGCCAGAAGA AATTCAACAG CAGATTGTTC GAGAGACTTT CCATCTAGTC
CTCAAGCGGG ATGACAACAT CTGTAAC TTC TGGAGGGTG GAAGTTTGAT TGGTGGCTCT
GACTACAAAC TGATCTACCG GCACTATGCT ACCCTCTACT TTGTATTTTG TGTGGATTCC
TCAGAGAGTG AACTTGAAT CTTGGACCTC ATCCAGGTTT TTGTGGAAAC TCTGGATAAG
TGTTTCGAAA ATGTGTGTGA ATTGGATTTG ATCTTCCATA TGGATAAGGT GCACTACATC
CTCCAGGAGG TGGTATGGG TGGGATGGTG TTGAAACAA ACATGAATGA AATCGTGGCT
CAGATTGAGG CTCAAACAG GCTGGAGAAA TCCGAGGGTG GCCTTTCAGC AGCCCCTGCG
CGGGCTGTGT CTGCTGTGAA AAACATCAAC CTGCCAGAGA TTCCTCGGAA CATCAACATT
GGCGATCTCA ACATCAAAGT TCCCAACCTG TCCAGTTTG TCTGA

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:	<ul style="list-style-type: none">• 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:	C15ORF38-AP3S2
Alternative Name:	C15orf38-AP3S2
Background:	This locus represents naturally occurring read-through transcription between the neighboring C15orf38 (chromosome 15 open reading frame 38) and AP3S2 (adaptor-related protein complex 3, sigma 2 subunit) genes. The read-through transcript encodes a fusion protein that shares sequence identity with each individual gene product. [provided by RefSeq, Nov 2010].

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Target Details

Gene ID: 100526783

NCBI Accession: [NM_001199058](#)

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)