

Datasheet for ABIN4933384

Human ALG1L ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ALG1L
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 ALG1L with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	564 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGCGGT CGGCCTTCAT GGAGCTGGAT GCTGGGAGCA GGCTGGTGAT GCATCTCCGC GAGTGGCCAG CCCTGCTGGT CAGCAGCACG GGCTGGACAG AGTTTGAACA ACTTACTCTT GATGGACACA ACCTTCCTTC TCTTGTCTGT GTGATAACAG GGTCGGTGGA CCTGGGTGTC TGTCTGCACA TGCCTCCAG TGGCCTGGAC CTGCCCATGA AGGTGGTGGGA CATGTTCCGGG TGCTGTTTGC CTGTGTGTGC CGTGAACCTC AAGTGTTTAC ATGAGCTGGT GAAACATGAA

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Product Details

GAAAATGGCC TGGTCTTTGA GGA CT CAGAG GAACTGGCAG CTCTGCAGAT GCTTTTCTCA
AACTTTCTCTG ATCCTGCAGG CAAGCTAAAC CAGTTTTGGA AGAACCTGCG GGAGTCGCAG
CAGCTCCGAT GGGATGAGAG CTGGGTGCAG ACTGTGCTCC CTTTGGTTAT GGACATACAA
CTCCTGGGCC AGAGGCTAAA ACCCCGGGAC CCCTGCTGTC CTTCCCGCAG CTTCTTCTCG
GAGTCTCAGG GCAAACCCTT TTGA

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: ALG1L

Alternative Name: ALG1L ([ALG1L Products](#))

Gene ID: 200810

NCBI Accession: [NM_001015050](#)

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.

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Handling

- 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)