

Datasheet for ABIN4933306

Human ANGPTL5 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ANGPTL5
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 ANGPTL5 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1167 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGATGTCTC CATCCCAAGC CTCACTCTTA TTCTTAAATG TATGTATTTT TATTTGTGGA GAAGCTGTAC AAGGTAAGT TGTACATCAT TCTACGGACT CTTCAGTAGT TAACATTGTA GAAGATGGAT CTAATGCAAA AGATGAAAGT AAAAGTAATG ATACTGTTTG TAAGGAAGAC TGTGAGGAAT CATGTGATGT TAAACTAAA ATTACACGAG AAGAAAAACA TTTTCATGTGT

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Product Details

AGAAATTTGC AAAATTCTAT TGTTTCCTAC ACAAGAAGTA CCAAAAAACT ACTAAGGAAT
ATGATGGATG AGCAACAAGC TTCCTTGGAT TATTTATCTA ATCAGGTTAA CGAGCTCATG
AATAGAGTTC TCCTTTTGAC TACAGAAGTT TTTAGAAAAC AGCTGGATCC TTTTCCTCAC
AGACCTGTTC AGTCACATGG TTTAGATTGC ACTGATATTA AGGATACCAT TGGCTCTGTC
ACCAAAACAC CGAGTGGTTT ATACATAATT CACCCAGAAG GATCTAGCTA CCCATTTGAG
GTAATGTGTG ACATGGATTA CAGAGGAGGT GGACGGACTG TGATACAGAA AAGAATTGAT
GGGATAATTG ATTTCCAGAG GTTGTGGTGT GATTATCTGG ATGGATTTGG AGATCTTCTA
GGAGAATTTT GGCTAGGACT GAAAAAGATT TTTTATATAG TAAATCAGAA AAATACCAGT
TTTATGCTGT ATGTGGCTTT GGAATCTGAA GATGACACTC TTGCTTATGC ATCATATGAT
AATTTTTGGC TAGAGGATGA AACGAGATTT TTTAAAATGC ACTTAGGACG GTATTCAGGA
AATGCTGGTG ATGCATTCCG GGTCTCAA AAAGAAGATA ATCAAATGC AATGCCTTTT
AGCACATCAG ATGTTGATAA TGATGGGTGT CGCCCTGCAT GCCTGGTCAA TGGTCAGTCT
GTGAAGAGCT GCAGTCACCT CCATAACAAG ACCGGCTGGT GGTTTAACGA GTGTGGTCTA
GCAAATCTAA ATGGCATTCA TCACTTCTCT GGAAAATTGC TTGCAACTGG AATTCAATGG
GGCACGTGGA CCAAAAACAA CTCACCTGTC AAGATTAAAT CTGTTTCAAT GAAAATTAGA
AGAATGTACA ATCCATATTT TAAATAA

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: ANGPTL5

Alternative Name: ANGPTL5 ([ANGPTL5 Products](#))

Gene ID: 253935

NCBI Accession: [NM_178127](#)

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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)