

Datasheet for ABIN4931315

Human CLEC18B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	CLEC18B
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 CLEC18B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1368 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCTGCATC CAGAGACCTC CCCTGGCCGG GGGCATCTCC TGGCTGTGCT CCTGGCCCTC CTTGGCACCA CCTGGGCAGA GGTGTGGCCA CCCAGCTGC AGGAGCAGGC TCCGATGGCC GGAGCCCTGA ACAGGAAGGA GAGTTTCTTG CTCCTCTCCC TGCACAACCG CCTGCGCAGC TGGGTCCAGC CCCCTGCGGC TGACATGCGG AGGCTGGACT GGAGTGACAG CCTGGCCCAA

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Product Details

CTGGCTCAAG CCAGGGCAGC CCTCTGTGGA ATCCCAACCC CGAGCCTGGC GTCCGGCCTG
TGGCGCACCC TGCAAGTGGG CTGGAACATG CAGCTGCTGC CCGCGGGCTT GGCGTCCTTT
GTTGAAGTGG TCAGCCTGTG GTTTGCAGAG GGGCAGCGGT ACAGCCACGC GGCAGGAGAG
TGTGCTCGCA ACGCCACCTG CACCCACTAC ACGCAGCTCG TGTGGGCCAC CTCAAGCCAG
CTGGGCTGTG GGCGGCACCT GTGCTCTGCA GGCCAGACAG CGATAGAAGC CTTTGTCTGT
GCCTACTCCC CCGGAGGCAA CTGGGAGGTC AACGGGAAGA CAATCATCCC CTATAAGAAG
GGTGCCTGGT GTTCGCTCTG CACAGCCAGT GTCTCAGGCT GCTTCAAAGC CTGGGACCAT
GCAGGGGGGC TCTGTGAGGT CCCAGGAAT CTTGTGCGCA TGAGCTGCCA GAACCATGGA
CGTCTCAACA TCAGCACCTG CCACTGCCAC TGTCCCCCTG GCTACACGGG CAGATACTGC
CAAGTGAGGT GCAGCCTGCA GTGTGTGCAC GGCCGGTTC GGGAGGAGGA GTGCTCGTGC
GTCTGTGACA TCGGCTACGG GGGAGCCCAG TGTGCCACCA AGGTGCATTT TCCCTTCCAC
ACCTGTGACC TGAGGATCGA CGGAGACTGC TTCATGGTGT CTTCAGAGGC AGACACCTAT
TACAGAGCCA GGATGAAATG TCAGAGGAAA GGCGGGGTGC TGGCCAGAT CAAGAGCCAG
AAAGTGCAGG ACATCCTCGC CTTCTATCTG GGCCGCCTGG AGACCACCAA CGAGGTGATT
GACAGTGA CTGAGACCAG GAACTTCTGG ATCGGGCTCA CCTACAAGAC CGCCAAGGAC
TCCTTCCGCT GGGCCACAGG GGAGCACCAG GCCTTCACCA GTTTTGCCTT TGGGCAGCCT
GACAACCACG GGCTGGTGTG GCTGAGTGCT GCCATGGGGT TTGGCAACTG CGTGGAGCTG
CAGGCTTCAG CTGCCTTCAA CTGGAACGAC CAGCGCTGCA AAACCCGAAA CCGTTACATC
TGCCAGTTTG CCCAGGAGCA CATCTCCCGG TGGGGCCCAG GGTCCTGA

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: CLEC18B

Alternative Name: CLEC18B ([CLEC18B Products](#))

Gene ID: 497190

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Target Details

NCBI Accession: [NM_001011880](#)

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)