

Datasheet for ABIN4922283

Human TMEM191B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TMEM191B
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 TMEM191B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1041 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTGTCGGG CTACGCTCGG GCTTCCCCTG CCGCCATTG TGATCCAGCC CGCTAGGCGC TCCCTGCCGC CCATTGTGAC GCCTGCCAGC CGCAGGCTGG GTCCCCGAGG CGGGCGGCAT TTAGGCTCGG TCTCCACAGC CATGGCCGCG ACGCAGGAGC TGCTGCTGCA GTTGCAAGAAG GATAACCGAG ATGGTCGCCA GCGGAAGCAG GAGCTAGAGA AGCTGATGCG CGGGCTCGAG

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Product Details

GCCGAGAGCG AGAGCCTCAA CCAGCGCCTG CAGGACCTGA GCGAGCGGGA GCGGAGCCTG
CTGCGGAGGC GAAGCCAGGC AGCGCAGCCT CTGCAAGGGG AGGCGCGCGA GGCGGCGCGG
GAGCGCGCGG AGCGGGTTCG CAGAAGACTG GAGGAGGCGG AGCGCCACAA GGAGGACTTG
GAGCAGCACA GCAGGCAGCT GCAGGAGCAG TGGGAGGAGC TGTCGAGTCA GCTCTTCTAC
GGAGGGGAAC CGCAGAGCCA GAAGAGCACG GAGCAGCAAC TCGCAGCCCA ATTGGTGACG
CTGCAGAATG AACTGGAGCT GCGGAGACC AAATGCGCCT TGCAGGAGGA GAAGCTGCAG
CAGGACGCGC TGCAGACAGC GGAGGCCTGG GCCATATTCC AGGAGCAGAC CGTAGTCCTG
CAGGTGCGGC CCCACTCAGA CGCCAAGGTG CCTCCCGCCT CTCCTCCCCC AGACCTGGGG
CGGTGTGACG GGCAGCTTCG CGGAGTGACG TACAGCACCG AGTCGCTCAT GGAGGAGATG
GCCAGGGCGG ACCGAGAGAC GCGGCTGTTT GCGGCGCCTC GCGCGCTGGC CATCAGGCGG
TGCGTGCTGG GCGCGCTGCA GGTGCTGCTG ACGCTGCCGC TCCTCTTCTT GGGGCTGTCG
CTGCTCTGGA CGGTGCTGTT GGACCCCGGC GCCGTCTCCG CGTGGCTCTG GAGCCTCACC
TCGGAGACGA CGCTGCGCCG CCTGCGCTAC ACGCTGTCCC CGCTGCTGGA GCTGCGCGCT
AACGGGCTGC TGCCAACCTA A

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: TMEM191B

Alternative Name: TMEM191B

Gene ID: 728229

NCBI Accession: [NM_001242313](#)

Application Details

Restrictions: For Research Use only

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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)