

Datasheet for ABIN4922248

Human TMEM249 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TMEM249/C8orfk29 (TMEM249)
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 TMEM249 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	708 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCCTAAGG GCCGGGCCGG CAGCCTGCCC ACGACCTCCA TCGGCTGGCG CTTCCAGCTC TGGTTCCTAG GACTCACCTG CCCGGAGCGC CACCTGGCCA GACGCCTCAA GAACAATAGC TTCTACCCAT TCGTGCAGCA GGAGCCAAAC GTCTTCGTGC TCGAATACTA CCTGGACACA CTGTGGAAGG GGATGCTGCT CTTTCATCATC AGCGTGGTCC TGGTCAGCTT CAGCTCCCTG

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Product Details

AGAGAGGTGC AGAAGCAAGA GACCTGGGTC TTCCTCGTGT ACGGCCTGGG CGTGGGCCTG
TGGCTCGTGA TCTCGTCGCT GCCGCGGCGC CGCCTGGTGC TGAACCACAC GCGCGGCGTG
TACCACTTCT CCATCCAGGG CCGCACCGTG TGCCAGGGCC CCTTGCATCT GGTCTACGTG
CGCCTGGCGC TCAGCTCCGA TGCCACGGA AGGTGCTTCT TCCACCTGGT CCTCGGCGGC
CACAGGTTGG AGCCCCTGGT GCTGGTGCAG CTGTGGGAGC ACTACGAGCA AATGGAATAC
TTGGGCCGTT ACATCGCCCG GAAACTCAAC ATCAACTACT TCGACTACCT GGCCACCTCC
TACCGGCACG TGGTTCGCCA CTGGCCACCC CCTGGCGCTG GCACTGTGAT GGGCAAGAGC
CCCATGGGTC ACAAGCCCAG CTCCTCTCAG TCCAGCCTGG AGGTGTGA

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:	TMEM249/C8orfk29 (TMEM249)
Alternative Name:	TMEM249 (TMEM249 Products)
Gene ID:	340393
NCBI Accession:	NM_001252402

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	RT/-20 °C

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Handling

- 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.
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Expiry Date: 12 months

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)