Datasheet for ABIN4922285

Human TMEM189-UBE2V1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TMEM189-UBE2V1
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 TMEM189-UBE2V1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1113 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCGGGCG CCGAGGACTG GCCGGGCCAG CAGCTGGAGC TGGACGAGGA CGAGGCGTCT TGTTGCCGCT GGGGCGCGCA GCACGCCGGG GCCCGCGAGC TGGCTGCGCT CTACTCGCCA GGCAAGCGCC TCCAGGAGTG GTGCTCTGTG ATCCTGTGCT TCAGCCTCAT CGCCCACAAC CTGGTCCATC TCCTGCTGCT GGCCCGCTGG GAGGACACAC CCCTCGTCAT ACTCGGTGTT

Product Details

	GTTGCAGGGG CTCTCATTGC TGACTTCTTG TCTGGCCTGG TACACTGGGG TGCTGACACA TGGGGCTCTG TGGAGCTGCC CATTGTGGGG AAGGCTTTCA TCCGACCCTT CCGGGAGCAC CACATTGACC CGACAGCTAT CACACGGCAC GACTTCATCG AGACCAACGG GGACAACTGC CTGGTGACAC TGCTGCCGCT GCTAAACATG GCCTACAAGT TCCGCACCCA CAGCCCTGAA GCCCTGGAGC AGCTATACCC CTGGGAGTGC TTCGTCTTCT GCCTGATCAT CTTCGGCACC TTCACCAACC AGATCCACAA GTGGTCGCAC ACGTACTTTG GGCTGCCACG CTGGGTCACC CTCCTGCAGG ACTGGCATGT CATCCTGCCA CGTAAACACC ATCGCATCCA CCACGTCTCA CCCCACGAGA CCTACTTCTG CATCACCACA GGAGTAAAAG TCCCTCGCAA TTTCCGACTG TTGGAAGAAC TCGAAGAAGG CCAGAAAGGA GTAGGAGATG GCACAGTTAG CTGGGGTCTA GAAGATGACG AAGACATGAC ACTTACAAGA TGGACAGGGA TGATAATTGG GCCTCCAAGA ACAATTTATG AAAACCGAAT ATACAGCCTT AAAATAGAAT GTGGACCTAA ATACCCAGAA GCACCCCCCT TTGTAAGATT TGTAACAAAA ATTAATATGA ATGGAGTAAA TAGTTCTAAT GGAGTGGTGG ACCCAAGAGC CATATCAGTG CTAGCAAAAT GGCAGAATTC ATATAGCATC AAAGTTGTCC TGCAAGAGCT TCGGCGCCTA ATGATGTCTA AAGAAAATAT GAAACTCCCT CAGCCGCCCG AAGGACAGTG TTACAGCAAT TAA
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:	TMEM189-UBE2V1
Alternative Name:	TMEM189-UBE2V1 (TMEM189-UBE2V1 Products)
Background:	The TMEM189-UEV mRNA is an infrequent but naturally occurring read-through transcript of the neighboring TMEM189 and UBE2V1 genes. Ubiquitin-conjugating E2 enzyme variant proteins constitute a distinct subfamily within the E2 protein family. They have sequence similarity to other ubiquitin-conjugating enzymes but lack the conserved cysteine residue that is critical for the catalytic activity of E2s. The protein produced by this transcript has UEV1 B

Target Details

	domains but the protein is localized to the cytoplasm rather than to the nucleus. The significance of this read-through mRNA and the function of its protein product has not yet been determined. [provided by RefSeq, Oct 2010].
Gene ID:	387522
NCBI Accession:	NM_199203

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)