Datasheet for ABIN4922326

Human TMEM14E ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TMEM14E
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 TMEM14E with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	378 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCAGATGG ACCCTGGCCC ACAGGTGCCT TTATACTGGC TTGGCTTTGT CTATGCAGCA CTGGCTGCTT TAGGTGGGAT CAGTGGTTAT GCAAAAGTAG GTTCTGTCCA GTCCCCTTCT GCTGGATTCT TCTTCAGTGA GTTAGCAGGC CTGGATGCTT CTCAGCCATC ACGGAATCCA AAGGAACATT TGAGTTCTCC CGTTTACATC TGGGATCTTG CTAGGTATTA TGCGAATAAG

Product Details

	ATTCTAACAC TCTGGAACAT TTACGCTTGT GGGTTTAGTT GCAGGTGCCT GCTGATAGTT TCCAAACTTG GAAGTATGTA TGGTGAACAG ATCCTGTCAG TTGTAGCTAT GTCTCAGCTT GGACTCATGA AGAATTAA
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:	TMEM14E
Alternative Name:	TMEM14E
Gene ID:	645843
NCBI Accession:	NM_001123228

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.

Handling

Expiry Date:	12 months

Publications

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