

Datasheet for ABIN4921797

Human TSPAN19 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	Tetraspanin 19 (TSPAN19)
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 TSPAN19 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	747 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTTAAGAA ATAACAAAAC AATAATTATT AAGTACTTTC TTAATCTCAT TAATGGAGCT TTCTTGGTTC TTGACTTTT ATTCATGGGA TTTGGTGCAT GGCTCTTATT AGATAGAAAT AATTTTTTAA CAGCTTTTGA TGAAAATAAT CACTTCATAG TACCTATTTT TCAAATTTTG ATTGGAATGG GATCTTCTAC TGTTCTTTTT TGTCTATTGG GTTATATAGG AATTCACAAC

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Product Details

GAAATCAGAT GGCTCCTAAT TGTGTATGCA GTATTGATAA CATGGACCTT TGCTGTTCAG
GTTGTACTTT CAGCATTTCAT CATCACAAAG AAAGAGGAGG TTCAGCAACT ATGGCATGAC
AAAATTGATT TTGTCATTTT TGAGTATGGA TCTAAAGATA AGCCTGAAGA TATAACCAAG
TGGACTATTC TGAATGCCTT ACAGAAAACA TTACAGTGTT GTGGCCAACA TAATTACACA
GACTGGATAA AGAATAAGAA CAAAGAAAAT TCAGGACAGG TGCCATGTTC TTGCACAAAG
TCAACTTTAA GAAAATGGTT TTGTGATGAG CCACTGAATG CCACTTACCT TGAGGGTTGT
GAAAATAAAA TCAGTGCATG GTATAATGTT AATGTGTTAA CCTTAATCGG AATTAACCTT
GGACTTTTAA CTTTCAGAGGT TTTCCAAGTC TCATTAACAG TTTGTTTCTT CAAAAACATC
AAGAATATAA TCCATGCAGA AATGTGA

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: Tetraspanin 19 (TSPAN19)

Alternative Name: TSPAN19

Gene ID: 144448

NCBI Accession: [NM_001100917](#)

Application Details

Restrictions: For Research Use only

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)