

Datasheet for ABIN4921906

Human TRIM49B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TRIM49B
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 TRIM49B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1359 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAATTCTG GAATCTTACA GGTCTTTTCAG AGGGAACTCA TCTGCCCAT CTGCATGAAC TACTTCATAG ACCCGGTCAC CATAGACTGT GGGCACAGCT TTTGCAGGCC TTGTTTCTAC CTCAACTGGA AAGACAGCCC ATTTCTTGTC CAGTGCTCTG AATGCACAAA GTCAACAGGG CAGATAAACC TCAAACCAA CATTCAATTC AAGAAGATGG CTTCTCTTGC TAGAAAAGTC

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Product Details

AGTCTCTGGC TATTCCTGAG CTCTGAGGAG CAAATGTGTG GCACTCACAG GGAGACAAAG
AAGATGTTCT GTGAAGTGA CAGGAGCCTG CTCTGTTTGC TGTGCTCCAG CTCTCAGGAG
CACCGGGATC ACAGACACTG TCCCATTGAG TCGGCTGCTG AGGAACACCA GGAGAAGCTT
TTACAGAAAA TGCAGTCTTT GTGGGAAAAA GCTTGTGAAA ATCACAGAAA CCTGAATGTG
GAAACCACCA GAACCAGATG CTGGAAGGAT TATGTGAATT TAAGGCTAGA AGCAATTAGA
GCTGAGTATC AGAAGATGCC TGCATTTTAC CATGAAGAAG AAAAACATAA TTTGGAGATG
CTGAAAAAGA AGGGGAAAGA TATTTTTCAT CACTTCATT TAAGTAAAGC CAAAATGGCT
CATAGGAGGG AGATTTTAAG AGGAATGTAT GAGGAGCTGA ACGAAATGTG CCATAAACCA
GATGTGGAGC TACTTCAGGC TTTTGGAGAC ATATTACACA GGAGTGAGTC CGTGCTGCTG
CACATGCCCC AGCCTCTGAA TCCAGAGCTC AGTGCAGGGC CCATCACTGG ACTGAGGGAC
AGGCTCAACC AATCCGAGT GCATATTACT CTGCATCATG AAGAAGCCAA CAGTGATATC
TTTCTATGTG AAATTTTGAAG AAGCATGTGT ATTGGATGTG ACCATCAAGA TGTACCCTAT
TTCCTGCAA CACCTAGAAG TTTTCTTGCA TGGGGTGCTC AGACTTTTAC CTCGGGCAAA
TATTACTGGG AGGTCCATGT AGGGGACTCC TGAATTGGG CTTTTGGTGT CTGTAATATG
TATTGGAAAG AGAAGAATCA GAATGAGAAG ATAGATGGAG AGGATGGACT CTTTCTTCTT
GGGTGTGTTA AGAATGACAT TCAACGCAGT CTCTTTACCA CCTCCCCACT TCTGCTGCAA
TATATCCCAA GACCTACCAG CCGAGTAGGA TTATTCCTGG ATTGTGAGGC TAAGACTGTG
AGCTTTGTTG ATGTTAATCA AAGCTCCCTA ATATACACCA TCCCTAATTG CTCTTTCTCA
CCTCCTCTCA GGCCTATCTT TTGCTGTATT CACTTCTGA

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: TRIM49B

Alternative Name: TRIM49B

Gene ID: 283116

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Target Details

NCBI Accession: [NM_001206626](#)

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)