Datasheet for ABIN4921922

Human TRIM34 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TRIM34
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 TRIM34 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	813 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCTTCAA AAATCTTGCT TAACGTACAA GAGGAGGTGA CCTGTCCCAT CTGCCTGGAG CTGTTGACAG AACCCTTGAG TCTAGACTGT GGCCACAGCC TCTGCCGAGC CTGCATCACT GTGAGCAACA AGGAGGCAGT GACCAGCATG GGAGGAAAAA GCAGCTGTCC TGTGTGTGGT ATCAGTTACT CATTTGAACA TCTACAGGCT AATCAGCATC TGGCCAACAT AGTGGAGAGA CTCAAGGAGG TCAAGTTGAG CCCAGACAAT GGGAAGAAGA GAGATCTCTG TGATCATCAT

Product Details

	GGAGAGAAAC TCCTACTCTT CTGTAAGGAG GATAGGAAAG TCATTTGCTG GCTTTGTGAG CGGTCTCAGG AGCACCGTGG TCACCACACA GTCCTCACGG AGGAAGTATT CAAGGAATGT CAGGAGAAAC TCCAGGCAGT CCTCAAGAGG CTGAAGAAGG AAGAGGAGGA AGCTGAGAAG CTGGAAGCTG ACATCAGAGA AGAGAAAACT TCCTGGAAGT ATCAGGTACA AACTGAGAGA CAAAGGATAC AAACAGAATT TGATCAGCTT AGAAGCATCC TAAATAATGA GGAGCAGAGA GAGCTGCAAA GATTGGAAGA AGAAGAAAAG AAGACGCTGG ATAAGTTTGC AGAGGCTGAG GATGAGCTAG TTCAGCAGAA GCAGTTGGTG AGAGAGCTCA TCTCAGATGT GGAGTGTCGG AGTCAGTGGT CAACAATGGA GCTGCTGCAG GACATGAGTG GAATCATGAA ATGGTGCGTA TGGGTGGCCA GGAGTGGTGC TTGTGAGTTA 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:	TRIM34
Alternative Name:	TRIM34 (TRIM34 Products)
Background:	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, B-box type 1 and B-box type 2 domain, and a coiled-coil region. Expression of this gene is up-regulated by interferon. This gene is mapped to chromosome 11p15, where it resides within a TRIM gene cluster. Alternative splicing results in multiple transcript variants. A read-through transcript from the upstream TRIM6 gene has also been observed, which results in a fusion product from these neighboring family members. [provided by RefSeq, Oct 2010].
Gene ID:	53840
NCBI Accession:	NM_130390

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)