

Datasheet for ABIN4921921

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:	1467 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGGCTTCAA AAATCTTGCT TAACGTACAA GAGGAGGTGA CCTGTCCCAT CTGCCTGGAG CTGTTGACAG AACCTTGAG TCTAGACTGT GGCCACAGCC TCTGCCGAGC CTGCATCACT GTGAGCAACA AGGAGGCAGT GACCAGCATG GGAGGAAAAA GCAGCTGTCC TGTGTGTGGT ATCAGTTACT CATTGAACA TCTACAGGCT AATCAGCATC TGGCCAACAT AGTGGAGAGA CTCAAGGAGG TCAAGTTGAG CCCAGACAAT GGGAAGAAGA GAGATCTCTG TGATCATCAT</p>

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Product Details

GGAGAGAAAC TCCTACTCTT CTGTAAGGAG GATAGGAAAG TCATTTGCTG GCTTTGTGAG
CGGTCTCAGG AGCACCGTGG TCACCACACA GTCCTCACGG AGGAAGTATT CAAGGAATGT
CAGGAGAAAC TCCAGGCAGT CCTCAAGAGG CTGAAGAAGG AAGAGGAGGA AGCTGAGAAG
CTGGAAGCTG ACATCAGAGA AGAGAAAAC TCCTGGAAGT ATCAGGTACA AACTGAGAGA
CAAAGGATAC AACAGAATT TGATCAGCTT AGAAGCATCC TAAATAATGA GGAGCAGAGA
GAGCTGCAAA GATTGGAAGA AGAAGAAAAG AAGACGCTGG ATAAGTTTGC AGAGGCTGAG
GATGAGCTAG TTCAGCAGAA GCAGTTGGTG AGAGAGCTCA TCTCAGATGT GGAGTGTCCG
AGTCAGTGGT CAACAATGGA GCTGCTGCAG GACATGAGTG GAATCATGAA ATGGAGTGAG
ATCTGGAGGC TGAAAAGCC AAAAATGGTT TCCAAGAAAC TGAAGACTGT ATTCCATGCT
CCAGATCTGA GTAGGATGCT GCAAATGTTT AGAGAACTGA CAGCTGTCCG GTGCTACTGG
GTGGATGTCA CACTGAATTC AGTCAACCTA AATTTGAATC TTGTCCTTTC AGAAGATCAG
AGACAAGTGA TATCTGTGCC AATTTGGCCT TTTCAAGTGT ATAATTATGG TGTCTTGGGA
TCCCAATATT TCTCCTCTGG GAAACATTAC TGGGAAGTGG ACGTGTCCAA GAAAACCTGCC
TGGATCCTGG GGGTATACTG TAGAACATAT TCCC GCCATA TGAAGTATGT TGTTAGAAGA
TGTGCAAATC GTCAAATCT TTACACCAA TACAGACCTC TATTTGGCTA CTGGGTTATA
GGGTTACAGA ATAAATGTAA GTATGGTGTG TTTGAAGAGT CTTTGTCTC TGATCCCGAG
GTTTTGACTC TCTCCATGGC TGTGCCTCCC TGCCGTGTTG GGGTTTTCTC CGACTATGAA
GCAGGCATTG TCTCATTTTT CAATGTCACA AGCCATGGCT CCCTCATTTA CAAGTTCTCT
AAATGTTGCT TTTCTCAGCC TGTTTATCCA TATTTCAATC CTTGGAAGTCCAGCTCCC
ATGACTCTAT GCCACCAAG CTCTTGA

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](#))

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Target Details

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_021616](#)

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)