

Datasheet for ABIN7544624

## TRIM35 Protein (AA 1-493) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	TRIM35
Protein Characteristics:	AA 1-493
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM35 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant TRIM35 Protein expressed in mammalian cells.
Sequence:	<p>MERSPDVSPG PSRSFKEELL CAVCYDPFRD AVTLRCGHNF CRGCVSRCWE VQVSPTCPVC</p> <p>KDRASPADLR TNHTLNNLVE KLLREEAEGA RWTSYRFSRV CRLHRGQLSL FCLEDKELL</p> <p>CSCQADPRHQ GHRVQPVKDT AHDFRAKCRN MEHALREKAK AFWAMRRSYE AIAKHNQVEA</p> <p>AWLEGRIRQE FDKLREFLRV EEQAILDAMA EETRQKQLLA DEKMKQLTEE TEVLAHEIER</p> <p>LQMEMKEDDV SFLMKHKSRK RRLFCTMEPE PVQPGMLIDV CKYLGSLQYR VWKKMLASVE</p> <p>SVPFSDPNT AAGWLSVSDD LTSVTNHGYR VQVENPERFS SAPCLLSRV FSQGSRAWVEV</p> <p>ALGGLQSWRV GVVRVRQDSG AEGHSHSCYH DTRSGFWYVC RTQGVGDHC VTSDPATSP</p> <p>VLAIPRRLRV ELECEEGELS FYDAERHCHL YTFHARFGEV RPYFYLGAR GAGPPEPLRI</p> <p>CPLHISVKEE LDG <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

### Target:

TRIM35

### Alternative Name:

TRIM35 ([TRIM35 Products](#))

### Background:

E3 ubiquitin-protein ligase TRIM35 (EC 2.3.2.27) (Hemopoietic lineage switch protein 5),FUNCTION: E3 ubiquitin-protein ligase that participates in multiple biological processes including cell death, glucose metabolism, and in particular, the innate immune response. Mediates 'Lys-63'-linked polyubiquitination of TRAF3 thereby promoting type I interferon production via RIG-I signaling pathway (PubMed:32562145). Can also catalyze 'Lys-48'-linked polyubiquitination and proteasomal degradation of viral proteins such as influenza virus PB2 (PubMed:32562145). Acts as a negative feedback regulator of TLR7- and TLR9-triggered signaling. Mechanistically, promotes the 'Lys-48'-linked ubiquitination of IRF7 and induces its degradation via a proteasome-dependent pathway (PubMed:25907537). Reduces FGFR1-dependent tyrosine phosphorylation of PKM, inhibiting PKM-dependent lactate production, glucose metabolism, and cell growth (PubMed:25263439). {ECO:0000269|PubMed:25263439, ECO:0000269|PubMed:25907537, ECO:0000269|PubMed:32562145}.

## Target Details

Molecular Weight:	56.5 kDa
-------------------	----------

UniProt:	<a href="#">Q9UPQ4</a>
----------	------------------------

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
--------------------	---

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Liquid
---------	--------

Buffer:	The buffer composition is at the discretion of the manufacturer.
---------	--

Handling Advice:	Avoid repeated freeze-thaw cycles.
------------------	------------------------------------

Storage:	-80 °C
----------	--------

Storage Comment:	Store at -80°C.
------------------	-----------------

Expiry Date:	12 months
--------------	-----------