

Datasheet for ABIN7558236  
**TRIM46 Protein (AA 1-759) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TRIM46
Protein Characteristics:	AA 1-759
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM46 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Trim46 Protein expressed in mammalian cells.
Sequence:	MAEGEDMQTF TSIMDALVRI STSMKNMEKE LLCPVCQEMY KQPLVLPCTH NVCQACAREV LGQQGYIGHG GDPSSSEPTSP ASTPSTRSPR LSRRTLPKPD RLDRLKSGF GTYPGRKRGA LHPQTILFPC PACQGDVELG ERGLSGLFRN LTLERVVERY RQSVSVGGAI LCQLCKPPPL EATKGCTECL ATFCNECFKL FHPWGTQKAQ HEPTLPTLSF RPKGLMCPDH KEEVTHYCKT CQRLVCQLCR VRRTHSGHKI TPVLSAYQAL KDKLTKSLAY ILGNQDTVQT QICELEETIR HTEVSGQQAQ EEVSQLVRGL GAVLEEKRAS LLQAIEECQQ ERLSRLSAQI HEHQSLLDGS GLVGYAQEV LKTDQPCFVQ AAKQLHNRIA RATEALQTFR PAASSSFRHC QLDVGRMCKL LTELFLRVP EAPVIDTQRT FAYDQIFLCW RLPPHSPPAW HYTVFRRTD VPAQPGPTRW QRREEVRGTS ALLENPDTGS VYVLRVRCN KAGYGEYSED VHLHTPPAPV LHFFLDGRWG ASRERLAISK DQRAVRSIPG LPLLLAAERL LTGCHLSVDV VLGDAVAVTQG RSYWACAVDP ASYLVKVGVG LESKLQESFQ GAPDVISPRY DPDSGHDSGA EDAAVEALPP FAFLTIGMGK ILLGSGASSN AGLTGRDGPT ASCTVPLPPR LGICLDYERG RVSFLDAVSF RGLLECPDC

## Product Details

---

SGPVCPAFCF IGGGAVQLQE PVGTKPERKV TIGGFAKLD **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.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different 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:** TRIM46

**Alternative Name:** Trim46 ([TRIM46 Products](#))

**Background:** Tripartite motif-containing protein 46 (Gene Y protein) (GeneY) (Tripartite, fibronectin type-III and C-terminal SPRY motif protein),FUNCTION: Microtubule-associated protein that is involved in the formation of parallel microtubule bundles linked by cross-bridges in the proximal axon. Required for the uniform orientation and maintenance of the parallel microtubule fascicles, which are important for efficient cargo delivery and trafficking in axons. Thereby also required for proper axon formation, the establishment of neuronal polarity and proper neuronal migration. {ECO:0000269|PubMed:26671463}.

## Target Details

---

Molecular Weight: 83.4 kDa

UniProt: [Q7TNM2](#)

## 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