

Datasheet for ABIN7544718
TRIM46 Protein (AA 1-759) (His tag)



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Overview

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

Product Details

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|-----------|--|
| Purpose: | Custom-made recombinant TRIM46 Protein expressed in mammalian cells. |
| Sequence: | MAEGEDMQTF TSIMDALVRI STSMKNMEKE LLCPVCQEMY KQPLVLPCTH NVCQACAREV LGQQGYIGHG GDPSSSEPTSP ASTPSTRSPR LSRRTLPKPD RLDRLKSGF GTYPGRKRGA LHPQVIMFPC PACQGDVELG ERGLAGLFRN LTLERWVERY RQSVSVGGAI LCQLCKPPPL EATKGCTECR ATFCNECFKL FHPWGTQKAQ HEPTLPTLSF RPKGLMCPDH KEEVTHYCKT CQRLVCQLCR VRRTHSGHKI TPVLSAYQAL KDKLTKSLTY ILGNQDTVQT QICELEEA HTEVSGQQAQ EEVSQLVRGL GAVLEEKRAS LLQAIEECQQ ERLARLSAQI QEHRSLLDGS GLVGYAQEV LKTDQPCFVQ AAKQLHNRIA RATEALQTFR PAASSSFRHC QLDVGREMKL LTELNFLRVP EAPVIDTQRT FAYDQIFLCW RLPPHSPPAW HYTVEFRRTD VPAQPGPTRW QRREEVRGTS ALLENPDTGS VYVLRVRCN KAGYGEYSED VHLHTPPAPV LHFFLDSRWG ASRERLAISK DQRAVRSVPG LPLLLAADRL LTGCHLSVDV VLGDAVAVTQG RSYWACAVDP ASYLVKVGVG LESKLQESFQ GAPDVISPRY DPDSGHDSGA EDATVEASPP FAFLTIGMGK ILLGSGASSN AGLTGRDGPT AGCTVPLPPR LGICLDYERG RVSFLDAVSF RGLLECP LDC |

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 specification, the establishment of neuronal polarity and proper neuronal migration. {ECO:0000250|UniProtKB:Q7TNM2}.

Target Details

Molecular Weight: 83.4 kDa

UniProt: [Q7Z4K8](#)

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