

Datasheet for ABIN7561479

TRIM2 Protein (AA 1-744) (His tag)



[Go to Product page](#)

Overview

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|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | TRIM2 |
| Protein Characteristics: | AA 1-744 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TRIM2 protein is labelled with His tag. |

Product Details

| | |
|-----------|---|
| Purpose: | Custom-made recombinant Trim2 Protein expressed in mammalian cells. |
| Sequence: | <p>MASEGASIPS PVVRQIDKQF LICSICLERY KNPKVLPCLH TFCERCLQNY IPAHS LTLSC</p> <p>PVCRQTSILP EKGVAALQNN FFITNLMDVL QRTPGSNGED SSILETVTAV AAGKPLSCP</p> <p>HDGNVMEFYC QSCETAMCRE CTEGEHAEHP TVPLKDVVEQ HKASLQVQLD AVNKRLPEID</p> <p>SALQFISEII HQLTNQKASI VDDIHSTFDE LQKTLNVRKS VLLMELEVNY GLKHKVLQSQ</p> <p>LDTLLQGQES IKSCSNFTAQ ALNHGTETEV LLVKKQMSEK LNELADQDFP LHPRENDQLD</p> <p>FIVETGLKK SIHNLGTILT TNAVASETVA TGEGLRQTII GQPMSVTITT KDKDGELCKT</p> <p>GNAYLTAELS TPDGVSADGE ILDNKNGTYE FLYTVQKEGD FTLSRLYDQ HIRGSPFKLK</p> <p>VIRSADVSP TEGVKRRVKS PGSGHVQKA VKRPASMYST GKRKENPIED DLIFRVGTGK</p> <p>RNKGEFTNLQ GVAASTSGKI LIADSNNQCV QIFSNDGQFK SRFGIRGRSP GQLQRPTGVA</p> <p>VHPSGDIIIA DYDNKWVSIF SNDGKFKTKI GSGKLMGPKG VSVDRNGHII VVDNKACCVF</p> <p>IFQPNGKIVT RFGSRGNGDR QFAGPHFAAV NSNNEIITD FHNHVKVFN QEGEFMLKFG</p> <p>SNGEGNGQFN APTGVAVDSN GNIIVADWGN SRIQVFDGSG SFLSYINTSA DPLYGPQGLA</p> |

Product Details

LTSDGHVVVA DSGNHCFKVY RYLQ **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: | <p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p> |
| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade: | custom-made |

Target Details

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|-------------------|--|
| Target: | TRIM2 |
| Alternative Name: | Trim2 (TRIM2 Products) |
| Background: | <p>Tripartite motif-containing protein 2 (EC 2.3.2.27) (E3 ubiquitin-protein ligase TRIM2) (Neural activity-related RING finger protein) (RING-type E3 ubiquitin transferase TRIM2),FUNCTION: UBE2D1-dependent E3 ubiquitin-protein ligase that mediates the ubiquitination of NEFL and of phosphorylated BCL2L11. Plays a neuroprotective function. May play a role in neuronal rapid ischemic tolerance. Plays a role in antiviral immunity and limits new world arenavirus infection independently of its ubiquitin ligase activity by decreasing virus internalization (PubMed:30726215). {ECO:0000269 PubMed:18687884, ECO:0000269 PubMed:21478148, ECO:0000269 PubMed:30726215}.</p> |

Target Details

Molecular Weight: 81.4 kDa

UniProt: [Q9ESN6](#)

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