Datasheet for ABIN7560461

TRIM8 Protein (AA 1-551) (His tag)

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Overview

Quantity:	1 mg
Target:	TRIM8
Protein Characteristics:	AA 1-551
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM8 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Trim8 Protein expressed in mammalien cells.
Sequence:	MAENWKNCFE EELICPICLH VFVEPVQLPC KHNFCRGCIG EAWAKDSGLV RCPECNQAYN QKPGLEKNLK LTNIVEKFNA LHVEKPPTAL HCVFCRRGPP LPAQKVCLRC EAPCCQSHVQ THLQQPSTAR GHLLVEADDV RAWSCPQHNA YRLYHCEAEQ VAVCQYCCYY SGAHQGHSVC DVEIRRNEIR KMLMKQQERL EEREQDIEDQ LYKLESDKRL VEEKVSQLKE EVRLQYEKLH QLLDEDLRQT VEVLDKAQAK FCSENAAQAL HLGERMQEAK KLLGSLQRLF DKTEDVGFMK NTKSVKILMD RTQTCTGSSL SPPKIGHLNS KLFLNEVAKK EKQLRKMLEG PFSTPVPFLQ SVPLYPCGVN SSGAEKRKHS TAFPEASFLE TSSGPVGGQY GAAGTASSEG QSGQPLGPCS STQHLVALPG GTQPVHSSPV FPPSQYPNGS TTQQPMLPQY GGRKILVCSV DNCYCSSVAN HGGHQPYPRS GHFPWTVPSQ EYSHPLPPTP SVPQSLPGLA VRDWLDASQQ PGHQDFYRVY GQPSTKHYVT S **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make**

Product Details

	another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien 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, Western Blot
Grade:	custom-made

Target Details

Target:	TRIM8
Alternative Name:	Trim8 (TRIM8 Products)
Background:	E3 ubiquitin-protein ligase TRIM8 (EC 2.3.2.27) (Glioblastoma-expressed RING finger protein) (RING finger protein 27) (RING-type E3 ubiquitin transferase TRIM8) (Tripartite motif-containing protein 8),FUNCTION: E3 ubiquitin-protein ligase that participates in multiple biological processes including cell survival, differentiation, apoptosis, and in particular, the innate immune response (PubMed:28747347, PubMed:31360105). Participates in the activation of interferon-gamma signaling by promoting proteasomal degradation of the repressor SOCS1 (PubMed:12163497). Plays a positive role in the TNFalpha and IL-1beta signaling pathways. Mechanistically, induces the 'Lys-63'-linked polyubiquitination of MAP3K7/TAK1 component leading to the activation of NF-kappa-B (By similarity). Modulates also STAT3 activity through negative regulation of PIAS3, either by degradation of PIAS3 through the ubiquitin-proteasome pathway or exclusion of PIAS3 from the nucleus (By similarity). Negatively regulates TLR3/4-mediated innate immune response by catalyzing 'Lys-6'- and 'Lys-33'-linked polyubiquitination

Target Details

	of TICAM1 and thereby disrupting the TICAM1-TBK1 interaction (PubMed:28747347). {ECO:0000250|UniProtKB:Q9BZR9, ECO:0000269|PubMed:12163497, ECO:0000269|PubMed:28747347, ECO:0000269|PubMed:31360105}.
Molecular Weight:	61.6 kDa
UniProt:	Q99PJ2

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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