

Datasheet for ABIN7564521

TRIM9 Protein (AA 1-817) (His tag)



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Overview

Quantity:	1 mg
Target:	TRIM9
Protein Characteristics:	AA 1-817
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM9 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Trim9 Protein expressed in mammalian cells.
Sequence:	<p>MEEMEEELKC PVCGSFYREP IILPCSHNLC QACARNILVQ TPESESPQSR RASGSGVSDY</p> <p>DYLDLDKMSL YSEADSGYGS YGGFASAPTT PCQKSPNGVR VFPPAMPPPP THLSPALAPV</p> <p>PRNSCITCPQ CHRSLILDDR GLRGFPKNRV LEGVIDRYQQ SKAAALKCQL CEKAPKEATV</p> <p>MCEQCQDVFC DPCRLRCHPP RGPLAKHRLV PPAQGRVSRR LSPRKVSTCT DHELENHSMY</p> <p>CVQCKMPVCY QCLEEGKHSS HEVKALGAMW KLHKSQLSQA LNGLSDRAKE AKEFLVQLRT</p> <p>MVQQIQENSV EFEACLVAQC DALIDALNRR KAQLLARVNK EHEHKLKVVR DQISHCTVKL</p> <p>RQTTGLMEYC LEVIKENDPS GFLQISDALI RRVHLTEDQW GKGTLTTPRMT TDFDLSLDNS</p> <p>PLLQSIHQLD FVQVKASSPV PATPILQLEE CCTHNNSATL SWKQPPLSTV AADGYILELD</p> <p>DGSGGQFREV YVGKETMCTV DGLHFNSTYN ARVKAFNKTG VSPYSKTLVL QTSEAAGAHE</p> <p>TKPMKDTDSE EQTLFPVPS ERLPLRRMSP FSSTLNLQPS FPGRSYFDFR SSPHQLSLHS</p> <p>SLQSLNAPGC NFETQSASYS QLVDIKLLA VAWFAFDPGS AHSDIIFSND NLTVCSSYD</p>

DRVVLGKTGF SKGVHYWELT IDRYDNHPDP AFGVARIDVM KDMMLGKDDK AWAMYVDNNR
SWFMHNNST NRTEGGITKG ATIGVLLDLN RKTLTFFVNN EQQGPIAFEN VEGLFFPAVS
LNRNVQVSLW APGLRACSGC YFKVCPGAVK SPQAPAP **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.**

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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	TRIM9
Alternative Name:	Trim9 (TRIM9 Products)
Background:	E3 ubiquitin-protein ligase TRIM9 (EC 2.3.2.27) (RING-type E3 ubiquitin transferase TRIM9) (Tripartite motif-containing protein 9),FUNCTION: E3 ubiquitin-protein ligase which ubiquitinates itself in cooperation with an E2 enzyme UBE2D2/UBC4 and serves as a targeting signal for proteasomal degradation. May play a role in regulation of neuronal functions. May act as a regulator of synaptic vesicle exocytosis by controlling the availability of SNAP25 for the SNARE complex formation. {ECO:0000250 UniProtKB:Q9C026}.
Molecular Weight:	90.9 kDa

Target Details

UniProt:	Q8C7M3
Pathways:	Synaptic Vesicle Exocytosis

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