

Tripartite motif-containing protein 5 (TRIM5) Recombinant Protein | TRIM5 recombinant protein

Recombinant Human Tripartite motif-containing protein 5 (TRIM5)

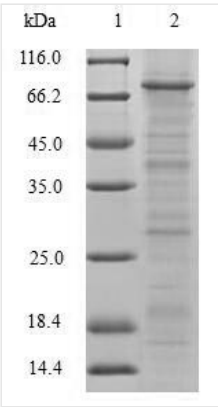
CATALOG # AAA117352	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

PRODUCT SYNONYMS

Tripartite motif-containing protein 5 (TRIM5); Recombinant Human Tripartite motif-containing protein 5 (TRIM5); Tripartite motif-containing protein 5; EC=6.3.2.-; RING finger protein 88; TRIM5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-493aa; Full Length
Sequence	MASGILVNVK EEVTCPICLE LLTQPLSLDC GHSFCQACLT ANHKKSMLDK GESSCPVCRI SYQPENIRPN RHVANIVEKL REVKLSPEGQ KVDHCAHGE KLLFCQEDG KVICWLCERS QEHRGHHTFL TEEVAREYQV KLQAALEMLR QKQQAEELE ADIREEKASW KTQIQYDKTN VLADFEQLRD ILDWEESENL QNLEKEEEDI LKSLTNSETE MVQQTQSLRE LISDLEHRLQ GSVMELLQGV DGVIKRTENV TLKKPETFPK NQRRVFRAPD LKGMLEVFRE LTDVRRYWVD VTVAPNNISC AVISEDKRQV SSPKPQIIYG ARGTRYQTFV NFNCTGILG SQSITSGKHY WEVDVSKKTA WILGVCAGFQ PDAMCNIEKN ENYQPKYGYW VIGLEEGVKC SAFQDSSFHT PSVPFIVPLS VIICPDRGV FLDYEACTVS FFNITNHGFL IYKFHCSFS QPVFPYLNPR KCGVPMTLCS PSS
Sequence Length	493
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TRIM5 recombinant protein	Capsid-specific restriction factor that prevents infection from non-host-adapted retroviruses. Blocks viral replication early in the life cycle, after viral entry but before reverse transcription. In addition to acting as a capsid-specific restriction factor, also acts as a pattern recognition receptor that activates innate immune signaling in response to the retroviral capsid lattice. Binding to the viral capsid triggers its E3 ubiquitin ligase activity, and in concert with the heterodimeric ubiquitin conjugating enzyme complex UBE2V1-UBE2N (also known as UBC13-UEV1A complex) generates 'Lys-63'-linked polyubiquitin chains, which in turn are catalysts in the autophosphorylation of the MAP3K7/TAK1 complex (includes TAK1, TAB2, and TAB3). Activation of the MAP3K7/TAK1 complex by autophosphorylation results in the induction and expression of NF-kappa-B and MAPK-responsive inflammatory genes, thereby leading to an innate immune response in the infected cell. Restricts infection by N-tropic murine leukemia virus (N-MLV), equine infectious anemia virus (EIAV), simian immunodeficiency virus of macaques (SIVmac), feline immunodeficiency virus (FIV), and bovine immunodeficiency virus (BIV) (PubMed:17156811). Plays a role in regulating autophagy through activation of autophagy regulator BECN1 by causing its dissociation from its inhibitors BCL2 and TAB2 (PubMed:25127057). Also plays a role in autophagy by acting as a selective autophagy receptor which recognizes and targets HIV-1 capsid protein p24 for autophagic destruction
Product Categories/Family for TRIM5 recombinant protein	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	283046694
NCBI GeneID	85363
NCBI Accession #	NP_149023.2
NCBI GenBank Nucleotide #	NM_033034.2
UniProt Accession #	Q9C035; Q2MLV4; Q2MLV8; Q2MLV9; Q2MLW1; Q2MLW3; Q2MLW4; A6NGQ1; A8WFA8; D3DQS8; D3DQS9; G3GJY1
Molecular Weight	70.3 kDa
NCBI Official Full Name	tripartite motif-containing protein 5 isoform alpha
NCBI Official Synonym Full Names	tripartite motif containing 5
NCBI Official Symbol	TRIM5
NCBI Official Synonym Symbols	RNF88; TRIM5alpha
NCBI Protein Information	tripartite motif-containing protein 5; ring finger protein 88; tripartite motif protein TRIM5; tripartite motif containing 5 transcript variant iota; tripartite motif containing 5 transcript variant kappa
UniProt Protein Name	Tripartite motif-containing protein 5

UniProt Gene Name	TRIM5
UniProt Synonym Gene Names	RNF88
UniProt Entry Name	TRIM5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/trim5-recombinant-protein-e-coli/117352>