



Recombinant Human E3 ubiquitin-protein ligase TRIM9 (TRIM9)

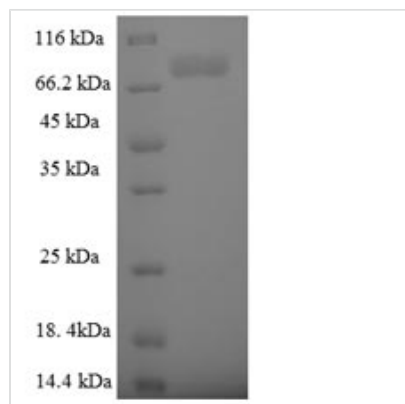
Product Code	CSB-EP880153HU
Relevance	E3 ubiquitin-protein ligase which ubiquitinates itself in cooperation with an E2 enzyme UBE2D2/UBC4 and serves as a targeting signal for proteasomal degradation. May play a role in regulation of neuronal functions and may also participate in the formation or breakdown of abnormal inclusions in neurodegenerative disorders. May act as a regulator of synaptic vesicle exocytosis by controlling the availability of SNAP25 for the SNARE complex formation.
Abbreviation	Recombinant Human TRIM9 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9C026
Alias	RING finger protein 91Tripartite motif-containing protein 9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MEEMEEELKCPVCGSFYREPIILPCSHNLCQACARNILVQTPESESPQSHRAA GSGVSDYDYLDLDKMSLYSEADSGYGSYGGFASAPTTPCQKSPNGVRVFPF AMPPPATHLSPALAPVPRNSCITCPQCHRSILDDRGLRGFPKNRVLEGVIDRY QQSKAAALKCQLCEKAPKEATVMCEQCDVFYCDPCRLRCHPPRGPLAKHRLV PPAQGRVSRRLSPRKVSTCTDHELENHSMYCVQCKMPVCYQCLEEGKHSSH EVKALGAMWKLHKSQLSQALNGLSDRAKEAKEFLVQLRNMVQQIQENSVEFE ACLVAQCDALIDALNRRKAQLLARVNKEHEHKLKVVRDQISHCTVKLRQTTGL MEYCLEVIKENDPSGFLQISDALIRRVHLTEDQWGKGTLTPRMTTDFDLSLDNS PLLQSIHQLDLFVQVKASSPVPATPILQLEECCTHNNNSATLSWKQPPLSTVPADG YILELDDGNGGQGFREVYVGKETMCTVDGLHFNSTYNARVKAFNKTGVSPYSK TLVLQTSEGKALQQYPSEREL RGI
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	TRIM9
Expression Region	1-550a
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged



Mol. Weight 77.3kDa

Protein Length Full Length of isoform 5

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The recombinant Human TRIM9 protein expression in e.coli cells requires the insertion of a DNA fragment encoding the Human TRIM9 protein (1-550aa) into a plasmid vector and the transferral of this vector into e.coli cells. The positive cells are screened, cultured, and then induced to express the TRIM9 protein. The protein carries a N-terminal 6xHis-SUMO tag. The cells are lysed to harvest the recombinant Human TRIM9 protein, which is purified through affinity purification and then detected by SDS-PAGE and subsequent staining of the gel with Coomassie Brilliant Blue. The purity of this recombinant Human TRIM9 protein is over 90%.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.