

TRIM9 Protein, Human, Recombinant (His & SUMO)

General Information

Synonyms:	Tripartite motif-containing protein 9;E3 ubiquitin-protein ligase TRIM9;RING-type E3 ubiquitin transferase TRIM9;RNF91;RING finger protein 91;KIAA0282;TRIM9
Protein Construction:	1-550a
Species:	Human
Expression Host:	E. coli
Accession:	Q9C026
Molecular Weight:	77.3 kDa (predicted)
AA Sequence:	MEEMEEELKCPVCGSFYREPIILPCSHNLQACARNILVQTPESESPQSHRAAGSGVSDYDYLDLDDKMSLYSE ADSGYGSYGGFASAPTPCQKSPNGVRFPPAMPPPATHLSPALAPVPRNSCITCPQCHRSLILDDRGLRGFP KNRVLEGVIDRYQSKAAALKCQLCEKAPKEATVMCEQCDVFYCDPCRLRCHPPRGPLAKHRLVPPAQGRVS RRLSPRKVSTCTDHELENHSMYCVQCKMPVCYQCLEEGKHSHEVKALGAMWKLHKSQSLNGLSDRA KEAKEFLVQLRNMVQQIQENSVEFEACLVAQCDALIDALNRRKAQLLARVNKEHEHKLKVVRDQISHCTVKL RQTTGLMEYCLEVIKENDPSGFLQISDALIRRVHLTEDQWGKGTLPMTTDFDLSDNSPLLQSIHQDLDFVQV KASSVPATPILQLEECCTHNNSATLSWKQPPLSTVPADGYILELDDGNGGQFREYVVGKETMCTVDGLHFNS TYNARVKAFNKTGVSPYSKTLVLQTSEGKALQQYPSERELRGI

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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