

## TRAF5 Protein, Human, Recombinant (His & SUMO)

### General Information

Synonyms:	RNF84;TRAF5;RING finger protein 84;TNF receptor-associated factor 5
Protein Construction:	1-557 aa
Species:	Human
Expression Host:	E. coli
Accession:	Q00463
Molecular Weight:	80.4 kDa (predicted)
AA Sequence:	MAYSEEHKGMPGCFIRQNSGNSISLDFEPSIEYQFVERLEERYKCAFCHSVLHNPHQTGCGHRCQHCILSLRE LNTVPICPVDKEVIKSQEVFKNCCCKREVLNLYVYCSNAPGCNAKVLGRLQDHLQQCLFQPVQCSNEKCREP VLRKDLKEHLSASCQFRKEKCLYCKKDVVVINLQNHEENLCPEYPVFCPNNCAKIIKTEVDEHLAVCPEAEQD CPFKHYGCAVTDKRRNLQQHEHSALREHMRLVLEKNVQLEEQISDLHKSLEQKESKIQQLAETIKKLEKEFKQ FAQLFGKNGSFLPNIQVFASHIDKSAWLEAQVHQLLQMVNQQQNFKDLRPLMEAVDTVKQKITLLENNDQR LAVLEEETNKHDTHINIHKAQLSKNEERFKLLEGTCYNGKLIWKVTDYKMKKREAVDGHNTSIFSQSFYTSRCG YRLCARAYLNGDGSRGSHSLYFVVMRGEFDSSLQWPFRQRTLMLLDQSGKKNIMETFKPDPNSSFKRP DGEMNIASGCPRFVAHSVLENAKNAYIKDDTLFLKAVDLTDLEDL

### 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.
Shipping:	In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

### Protein Background

Adapter protein and signal transducer that links members of the tumor necrosis factor receptor family to different signaling pathways by association with the receptor cytoplasmic domain and kinases. Mediates activation of NF-kappa-B and probably JNK. Seems to be involved in apoptosis. Plays a role in mediating activation of NF-kappa-B by EIF2AK2/PKR.

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