

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: O00463

Molecular Weight: 80.4 kDa (predicted)

AA Sequence: MAYSEEHKGMPCGFIRQNSGNSISLDFEPSIEYQFVERLEERYKCAFCHSVLHNPHTGCGHRFCQHCILSLRE
LNTVPICPVDKEVIKSQEVFKDNCKREVNLNLYVYCSNAPGCNAKIVILGRYQDHLQQCLFQPVQCSNEKCREP
VLRKDLKEHLSASCQFRKEKCLYCKKDVVINLQNHENLCPEYVPVFCPNNAKIILKTEVDEHLAVCPAEQD
CPFKHYGCAVTDKRRNLQHEHSALREHMLVLEKNVQLEEQISDLHKSLEQKESKIQLAETIKKLEKEFKQ
FAQLFGKNGSFLPNIQVFASHIDKSAWLEAQVHQLLQMVNQQQNKFDLRPLMEAVDTVKQKITLLENNDQR
LAVLEEETNKHDTHINIHKAQLSKNEERFKLLEGTCYNGKLIWKVTDYKMKKREAVDGHVTSIFSQSFYTSRCG
YRLCARAYLNGDGSGRGSHLSLYFVVMRGEFDSLLQWPFQRVTLMLLDQSGKKNIMETFKPDPNSSSFKRP
DGEMNIASGCPRFVAHSVLENAKNAYIKDDTLFLKVAVDLTDLEDL

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

A DRUG SCREENING EXPERT

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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