

Recombinant Human TRAF5 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51013

Size: 10ug, 100ug

Protein Name: TNF receptor-associated factor 5 (RING finger protein 84)

Synonym: TRAF5, RNF84

UniProt ID: O00463

UniProt Link: www.uniprot.org/uniprotkb/O00463/entry

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 557 AA

Molecular Weight: 64 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MAYSEEHKGMPCGFIRQNSGNSISLDFEPSIEYQFVERLEERYKCAFCHSVLHNPHQTGCGHRFCQ
HCILSLRELNTVPICPVDKEVIKSQEVFKDNCKREVLNLYVYCSNAPGCNAKVILGRYQDHLQQCLF
QPVQCSNEKCREPVLRKDLKEHLSASCQFRKEKCLYCKKDVVVINLQNHEENLCPEYPVFPCPNCA
KIILKTEVDEHLAVCPAEQDCPFKHYGCAVTDKRRNLQQHEHSALREHMRLVLEKNVQLEEQISDL
HKSLEQKESKIQLAETIKKLEKEFKQFAQLFGKNGSFLPNIQVFASHIDKSAWLEAQVHQLLQMVNQ
QQNKFDLRPLMEAVDTVKKITLLENNDQRLAVLEEETNKHDTTHINIHKAQLSKNEERFKLLEGTCYN
GKLIWKVTDYKMKKREAVDGHTVSIFSQSFYTSRCGYRLCARAYLNGDGSGRGSLSLYFVVMRGE
FDSLLQWPFRQRVTLMLLDQSGKKNIMETFKPDPNSSSFKRPDGMNIASGCPRFVAHSVLENAKN
AYIKDDTLFLKVAVDLTDLEDL

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant TNF receptor-associated factor 5 (RING finger protein 84) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: 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.

Subcellular Localization: Cytoplasm . Cytoplasm, cytosol .

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.