

# Recombinant Human TNF receptor-associated factor 5(TRAF5)

Catalog No: #AP70881

Package Size: #AP70881-1 20ug #AP70881-2 100ug #AP70881-3 1mg

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## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Product Name          | Recombinant Human TNF receptor-associated factor 5(TRAF5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen Description | Expression Region:1-557aaSequence Info:Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Other Names           | RING finger protein 84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Accession No.         | O00463                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Calculated MW         | 80.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Tag Info              | N-terminal 6xHis-SUMO-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Target Sequence       | MAYSEEHKGMPCGFIRQNSGNSISLDFEPSIEYQFVERLEERYKCAFCHSV LHNPHQTGCGHRFCQH CILSLR<br>ELNTVPICPVDKEVIKSQEVFKDNCKREV LNLVYVCSNAPGCNAK VILGRYQDHLQQCLFQP VQCSNEKCRE<br>PVL RKDLKEHLSASCQFRKEKCLYCKKD VVVINLQNHEENLCPEYPVFCPNNCAKIILKTEVDEHLAVCPAEQ<br>DCPFKHYGCAVTDKRRNLQQHEHSALREHMRLVLEKNVQLEEQISDLHKSLEQKESKIQQLAETIKKLEKEFK<br>QFAQLFGKNGSFLPNIQVFASHIDKSAWLEAQVHQLLQMVNQQNKF DL RPLMEAVD TVKQKITLLENNDQRL<br>AVLEEETNKH DTHINIHKAQLSKNEERFKLLEGTCYNGKLIWKVTDYKMKKREAVDGH TVSIFSQS FYT SRCGY<br>RLCARAYLNGDGSGRGSHLSLYFVVMRGEFDSLLQWPFQRVTLMLLDQSGKKNIMETFKPDPN SSSFKRP<br>DGEMNIASGCPRFVAHSVLEN AKNAYIKDDTLFLKVAVDLT DLEDL |
| Formulation           | Tris-based buffer50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage               | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br><br>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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                        |

## 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.

## References

Quantitative phosphoproteomic analysis of T cell receptor signaling reveals system-wide modulation of protein-protein interactions.Mayya V., Lundgren D.H., Hwang S.-I., Rezaul K., Wu L., Eng J.K., Rodionov V., Han D.K.Sci. Signal. 2:RA46-RA46(2009)Research Topic:Immunology

Note: This product is for in vitro research use only and is not intended for use in humans or animals.