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# TANK Human

*TRAF Family Member-Associated NFKB Activator Human Recombinant*
*RCP2320*

## Product Overview

| | |
|---|---|
| Name | TANK Human |
| **Description** | |
| TRAF Family Member-Associated NFKB Activator Human Recombinant | |
| Accession (Primary) | Q92844 |
| **Synonyms** | |
| TRAF, TRAF2, TRAF-interacting protein, ITRAF. | |
| **Introduction** | |
| TRAF Family Member-Associated NFKB Activator (TANK) is located in the cytoplasm and binds Either TRAF1, TRAF2 or TRAF3. TANK is an inhibitor of TRAF function which regulates TRAF protein activity via sequestering TRAFs in a dormant position in the cytoplasm. Overexpression of TANK, inhibits TRAF2-mediated NF-Kappa-B activation signaled by CD40 and both TNF receptors and also inhibits LMP1-mediated NFkappa-B activation by blocking the connection of TRAF2 with LMP1. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile Filtered colorless solution. | |
| **Formulation** | |
| TANK protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. | |
| **Purity** | |
| Greater than 85.0% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MGS MDKNIGE QLNKAYEAFR QACMDRDSAV KELQQKTENY EQRIREQQEQ LSLQQTIIDK LKSQLLLVNS TQDNNYGCVP LLEDSETRKN NLTLDQPQDK VISGIAREKL PKVRRQEVSS PRKETSARSL GSPLLHERGN IEKTFWDLKE EFHKICMLAK AQKDHLSKLN IPDTATETQC SVPIQCTDKT DKQEALFKPQ AKDDINRGAP SITSVTPRGL CRDEEDTSFE SLSKFNVKFP PMDNDSTFLH STPERPGILS | |

PATSEAVCQE KFNMEFRDNP GNFVKTEETL FEIQGIDPIA SAIQNLKTTD KTKPSNLVNT CIRTTLDRAA CLPPGDHNAL YVNSFPLLDP SDAPFPSLDS PGKAIRGPQQ PIWKPFPNQD SDSVVLSGTD SELHIPRVCE FCQAVFPPSI TSRGDFLRHL NSHFNGET.

**Precautions**

TANK Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( Q92844 )