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TANK Human

Catalog #:PRPS-1355

For research use only.

Description:TANK Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 448 amino acids (1-425a.a) and having a molecular mass of 50.2kDa. TANK is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms:TRAF, TRAF2, TRAF-interacting protein, ITRAF.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMDKNIGE QLNKAYEAFR QACMDRDSAV KELQQKTENY EQRIREQQEQ LSLQQTIIDK LKSQLLLVNS TQDNNYGCVP LLEDSETRKN NLTLDQPQDK VISGIAREKL PKVRRQEVSS PRKETSARSL GSPLLHERGN IEKTFWDLKE EFHKICMLAK AQKDHLSKLN IPDTATETQC SVPIQCTDKT DKQEALFKPQ AKDDINRGAP SI

Purity: Greater than 85.0% as determined by SDS-PAGE.

Formulation:
TANK protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.

Stability:
A2LD1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

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.

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