

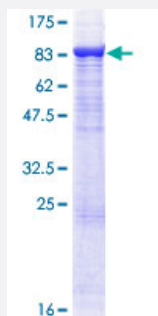
Full-Length

TRAF3 (Human) Recombinant Protein (P01)

Catalog # H00007187-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human TRAF3 full-length ORF (NP_003291.2, 1 a.a. - 568 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MESSKKMDSPGALQTNPPLKLHTDRSAGTPVFVPEQGGYKEKFVKTVEDKYKCEKCHLVLCSP
KQTECGHRFCESCMAALLSSSSPKCTACQESIMKDKVFDNCKREILALQYCRNESRGCAEQL
MLGHLLVHLKNDCHFEELPCVRPDCKEVLRLKDLRDHVEKACKYREATCSHCKSQVPMIALQKH
EDTDCPCVVVSCPHKCSVQTLRSELSAHLSECVNAPSTCSFKRYGCVFQGTNQQIKAHEASSA
VQHVNLLKEWSNSLEKKVSLLQNESVEKNKSIQSLHNQICSFEIEIERQKEMLRNNESKILHLQRFI
DSQAEKLKELDKAIRPFRQNWEEADSMKSSVESLQNRVTELESVDKSAGQVARNTGLLESQLS
RHDQMLSVHDIRLADMDLRFQVLETASYNGVLWKIRDYKRRKQEAVMGKTLSLYSQPFYTGFGY
KMCARVYLNLDGMGKGTHLSLFFVIMRGEYDALLPWPFKQKVTLMMDQGSSRRHLGDAFKPD
PNSSSFKKPTGEMNIASGCPVFVAQTVLENGTYIKDDTIFIKVIMDTSDLDPD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.9

Interspecies Antigen Sequence

Mouse (96); Rat (95)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TRAF3

Entrez GeneID	7187
GeneBank Accession#	NM_003300.2
Protein Accession#	NP_003291.2
Gene Name	TRAF3
Gene Alias	CAP-1, CD40bp, CRAF1, LAP1
Gene Description	TNF receptor-associated factor 3
Omim ID	601896
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from, members of the TNF receptor (TNFR) superfamily. This protein participates in the signal transduction of CD40, a TNFR family member important for the activation of the immune response. This protein is found to be a critical component of the lymphotoxin-beta receptor (LTbetaR) signaling complex, which induces NF-kappaB activation and cell death initiated by LTbeta ligation. Epstein-Barr virus encoded latent infection membrane protein-1 (LMP1) can interact with this and several other members of the TRAF family, which may be essential for the oncogenic effects of LMP1. Three alternatively spliced transcript variants encoding two distinct isoforms have been reported. [provided by RefSeq]

Other Designations

CD40 associated protein 1|CD40 binding protein|CD40 receptor associated factor 1|LMP1 associated protein

Pathway

- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)