

Recombinant Full Length Human TRAF3 Protein, GST-tagged

Cat. No. TRAF3-530HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TRAF3(1 a.a. - 568 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	568 amino acids
Description	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. Several alternatively spliced transcript variants encoding three distinct isoforms have been reported.
Molecular Mass	90.9 kDa
AA Sequence	MESSKKMDSP GALQTNPPLK LHTDRSAGTP VVPEQGGYK EKFKVTVEDK YKCEKCHLV L CSPKQTECGH RFCESCMAAL LSSSSPKCTA CQESIVKDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FKDNCCKREI LALQIYCRNE SRGCAEQLML GHLLVHLKND CHFEELPCVR
 PDCKEKVLRLK DLRDHVEKAC KYREATCSHC KSQVPMIALQ KHEDTDCPCV
 VVSCPHKCSV QTLLRSELSA HLSECVNAPS TCSFKRYGCV FQGTNQQIKA
 HEASSAVQHV NLLKEWSNSL EKKVSLLQNE SVEKNKSIQS LHNQICSFEI
 EIERQKEMLR NNEKILHLQ RVIDSQAELK KELDKAIRPF RQNWEEADSM
 KSSVESLQNR VTELESVDKS AGQVARNTGL LESQLSRHDQ MLSVHDIRLA
 DMDLRFQVLE TASYNGVLIW KIRDYKRRKQ EAVMGKTLSL YSQPFYTGYP
 GYKMCARVYL NGDGMGKGTH LSLFFVIMRG EYDALLPWPF KQKVTLMMLD
 QGSSRRHLGD AFKPDPNSSS FKKPTGEMNI ASGCPVFVAQ TVLENGTYIK
 DDTIFIKVIV DTSDLPPD

Applications ELISA; WB-Re; AP; Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name TRAF3 TNF receptor-associated factor 3 [Homo sapiens (human)]

Official Symbol TRAF3

Synonyms TRAF3; TNF receptor-associated factor 3; CAP 1; CD40bp; CRAF1; LAP1; CD40 binding protein; CD40 associated protein 1; LMP1-associated protein 1; CD40 receptor associated factor 1; CAP-1

Gene ID 7187

mRNA Refseq NM_003300

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Protein Refseq	NP_003291
MIM	601896
UniProt ID	Q13114

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