

Recombinant Human TRAF3, GST-tagged

Cat. No. TRAF3-3385H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRAF3(1 a.a. - 568 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-568 aa
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	MESSKKMDSPGALQTNPPLKLHTDRSAGTPVFVPEQGGYKEKFKTVEDKYKCEK CHLVLCSPKQTECGHRFCES CMAALLSSSSPKCTACQESIVKDKVFKDNCKREIL

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ALQIYCRNESRGCAEQMLGHLVHLKNDCHFEELPCVR PDCKEKVLRKDLRDHVE
 KACKYREATCSHCKSQVPMIALQKHEDTDCPCVVVSCPHKCSVQTLLRSELSAHL
 EC VNAPSTCSFKRYGCVFQGTNQQIKAHEASSAVQHVNLLKEWSNSLEKKVSLQ
 NESVEKNKSIQSLHNQICSFEI EIERQKEMLRNNESKILHLQRVIDSQAELKELDK
 RPFRQNWEEADSMKSSVESLQNRVTELESVDKSAGQVA RNTGLLESQLSRHDQM
 LSVHDIRLADMDLRFQVLETASYNGVLIWKIRDYKRRKQEAVMGKTLSTLYSQPFYTG
 YF GYKMCARVYLNQDGMGKGTHLSLFFVIMRGEYDALLPWPFKQKVTMLMDQGS
 SRRHLGDAFKPDPNSSSFKKPT GEMNIASGCPVFVAQTVLENGTYIKDDTIFIKVIVD
 TSDLDPD

Applications ELISA; WB-Re; AP; Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80°C. 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
Chromosome Location	14q32.32
Pathway	Activated TLR4 signalling; Apoptosis Modulation and Signaling; IL17 signaling pathway
Function	ligase activity; protein kinase binding; tumor necrosis factor receptor binding; ubiquitin protein ligase binding

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