

Recombinant Human TRAF3, GST-tagged

Cat. No. TRAF3-3386H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human TRAF3(298 a.a. - 410 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.

Species Human

Source Wheat Germ

ProteinLength 298-410 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 38.17 kDa

AA Sequence FEIEIERQKEMLRNNE SKILHLQRVIDSQA EKLKELDK EIRPFRQNWEEADSMKSSVE
SLQNRVTELESVDKSAG QVARNTGLLESQLSRHDQMLSVHDIRLADMDLRFQVLE

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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_145725
Protein Refseq	NP_663777
MIM	601896
UniProt ID	Q13114
Chromosome Location	14q32.32
Pathway	Activated TLR4 signalling; Apoptosis Modulation and Signaling; IL17 signaling

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pathway

Function

ligase activity; protein kinase binding; tumor necrosis factor receptor binding; ubiquitin protein ligase binding

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