

Recombinant Human TRAF3, MYC/DDK-tagged

Cat. No. TRAF3-3387H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human TRAF3, transcript variant 3, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.

Species Human

Source HEK293

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 64.3 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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

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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