

Recombinant Human TRAF3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TRAF3-1348H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TRAF3 MS Standard C13 and N15-labeled recombinant protein (NP_003291) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	64.5 kDa
AA Sequence	MESSKKMDSPGALQTNPPLKLHTDRSAGTPVFVPEQGGYKEKFKVKTVEDKYKCEK CHLVLCSPKQTECGHRFCESCMAALLSSSSPKCTACQESIVKDKVFKDNCKREILA

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LQIYCRNESRGCAEQMLGHLVHLKNDCHFEELPCVRPDCKEKVLRKDLRDHVEK
 ACKYREATCSHCKSQVPMIALQKHEDTDCPCVVVSCPHKCSVQTLLRSELSAHLSE
 CVNAPSTCSFKRYGCVFQGTNQQIKAHEASSAVQHVNLLKEWSNSLEKKVSLQNE
 SVEKNKSIQSLHNQICSFEIEIERQKEMLRNNEKILHLQRVIDSQAEKLELDKEIRPF
 RQNWEEADSMKSSVESLQNRVTELESVDKSAGQVARNTGLLESQLSRHDQMLSVH
 DIRLADMDLRFQVLETASYNGVLIWKIRDYKRRKQEAVMGKTLSTLYSQPFYTGFGY
 KMCARVYLNGDGMGKGTHLSLFFVIMRGEYDALLPWPFKQKVTLMMDQGSSRRH
 LGDAFKPDPNSSFKKPTGEMNIASGCPVFVAQTVLENGTYIKDDTIFIKVIVDTSDLP
 DPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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;

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Gene ID	7187
mRNA Refseq	NM_003300
Protein Refseq	NP_003291
MIM	601896
UniProt ID	Q13114
SDS-PAGE	