

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

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

SPECIFICATION

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|-------------------------|---|
| 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 | <p>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.</p> |
| Molecular Mass | 64.5 kDa |
| AA Sequence | MESSKKMDSPGALQTNPPLKLHTDRSAGTPVVFVPEQGGYKEKFKVKTVEDKYKCEK CHLVLCSPKQTECGHRFCESCMAALLSSSSPKCTACQESIVKDKVFKDNCKREILA |

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LQIYCRNESRGCAEQLMLGHLLVHLKNDCHFEELPCVVRPDCKEKVLRLKDLRDHVEK
 ACKYREATCSHCKSQVPMIALQKHEDTDCPCVVVSCPHKCSVQTLRLSELSAHLSE
 CVNAPSTCSFKRYGCVFQGTNQQIKAHEASSAVQHVNLLKEWSNSLEKKVSLQNE
 SVEKNKSIQSLHNQICSFEIEIERQKEMLRNNE SKILHLQRVIDSQAELKELDKEIRPF
 RQNWEEADSMKSSVESLQNRVTELESVDKSAGQVARNTGLLESQLSRHDQMLSVH
 DIRLADMDLRFQVLETASYNGVLIWKIRDYKRRKQEAVMGKTLSTLYSQPFYTG YFGY
 KMCARVYLN GDGMGKGTHLSLFFVIMRGEYDALLPWPFKQKVTLM LMDQGSSRRH
 LGDAFKPDPNSSSFKKPTGEMNIASGCPVFAQT VLENGTYIKDDTIFIKVIVDTSDLP
 DPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| 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

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|------------------------|--|
| 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

SDS-PAGE



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