

Recombinant Human TRAF1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TRAF1-966H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TRAF1 MS Standard C13 and N15-labeled recombinant protein (NP_005649) 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 (TNFR) associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from various receptors of the TNFR superfamily. This protein and TRAF2 form a heterodimeric complex, which is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF2 also interacts with inhibitor-of-apoptosis proteins (IAPs), and thus mediates the anti-apoptotic signals from TNF receptors. The expression of this protein can be induced by Epstein-Barr virus (EBV). EBV infection membrane protein 1 (LMP1) is found to interact with this and other TRAF proteins; this interaction is thought to link LMP1-mediated B lymphocyte transformation to the signal transduction from TNFR family receptors. Three transcript variants encoding two different isoforms have been found for this gene.
Molecular Mass	46.2 kDa
AA Sequence	MASSSGSSPRPAPDENEFPFGCPPTVCQDPKEPRALCCAGCLSENPRNGEDQICP

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KCRGEDLQSI SPGSRLRTQEKAHPEVAEAGIGCPFAGVGCSFKGSPQSVQEHEVTS
 QTSHLNLLLGF MKQWKARLGCGLESGPMALEQNLS DLQLQA AVEVAGDLEVDCYR
 APCSESQEELALQHFMKEKLLAELEGKLRVFENIVAVLNKEVEASHLALATSIHQSQL
 DRERILSLEQ RVVELQQTLAQKDQALGKLEQSLRLMEEASFDGTFLWKITNVTRRCH
 ESACGRTVSLFSPA FYTAKYGYKLCLRLYLNGDGTGKRTHLSLFIVIMRGEYDALLP
 WPF RNKVT FMLLDQNNREHAIDAFRPDLSSASFQRPQSETNVASGCPLFFPLSKLQ
 SPKHAYVKDDTMFLK CIVETSTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 TRAF1 TNF receptor-associated factor 1 [Homo sapiens (human)]

Official Symbol TRAF1

Synonyms TRAF1; TNF receptor-associated factor 1; EBI6; Epstein-Bar virus-induced protein 6; MGC:10353;

Gene ID 7185

mRNA Refseq NM_005658

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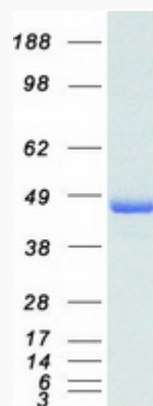
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Protein Refseq NP_005649

MIM 601711

UniProt ID Q13077

SDS-PAGE



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