



# Recombinant Human TNF receptor-associated factor 1 (TRAF1)

<b>Product Code</b>	CSB-EP024146HU-B
<b>Abbreviation</b>	TRAF1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q13077
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MASSSGSSPR PAPDENEFPF GCPPTVCQDP KEPRALCCAG CLSENPRNGE DQICPKCRGE DLQSISPGSR LRTQEKAHPE VAEAGIGCPF AGVGCSFKGS PQSVQEHEVT SQTSHLNL LLL GFMKQWKARL GCGLESGPMA LEQNLSDLQL QAAVEVAGDL EVD CYRAPCS ESQEELALQH FMKEKLLAEL EGKLRVFENI VAVLNKEVEA SHLALATSIH QSQLDRERIL SLEQRVVELQ QTLAQKDQAL GKLEQSLRLM EEASFDGTF L WKITNVTRRC HESACGRTVS LFSPAFYTAK YGYKLCLRLY LNGDGTGKRT HLSLFVIMR GEYDALLPWP FRNKVTFM L L DQNNREHAID AFRPDLSSAS FQRPQSETNV ASGCPLFFPL SKLQSPKHAY VKDDTMFLKC IVETST
<b>Source</b>	E.coli
<b>Target Names</b>	TRAF1
<b>Protein Names</b>	Recommended name: TNF receptor-associated factor 1 Alternative name(s): Epstein-Barr virus-induced protein 6
<b>Expression Region</b>	1-416
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein 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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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