



# Recombinant Human TNF receptor-associated factor 2 (TRAF2)

<b>Product Code</b>	CSB-MP024147HU
<b>Abbreviation</b>	TRAF2
<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>	Q12933
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AAASVTPPG SLELLQPGFS KTLGKLEA KYLCSACRNV LRRPFQAQCG HRYCSFCLAS ILSSGPQNCA ACVHEGIYEE GISILESSA FPDNAARREV ESLPAVCPSD GCTWKGTLKE YESCHEGRCP LMLTECPACK GLVRLGEKER HLEHECPERS LSCRHCRAPC CGADVKAHHE VCPKFPLTCD GCGKKKIPRE KFQDHVKTCG KCRVPCRFHA IGLETVEGE KQQEHEVQWL REHLAMLLSS VLEAKPLLGD QSHAGSELLQ RCESLEKTA TFENIVCVLN REVERVAMTA EACSRQHRLD QDKIEALSSK VQQLERSIGL KDLAMADLEQ KVLEMEASTY DGVFIWKISD FARKRQEAVA GRIPAIFSPA FYTSRYGYKM CLRIYLNLDG TGRGTHLSLF FVVMKGPNDA LLRWPFNQKV TMLLDQNNR EHVIDAFRPD VTSSSFQRPV NDMNIASGCP LFCPVSMEK KNSYVRDDAI FIKAIVDLTG L
<b>Source</b>	Mammalian cell
<b>Target Names</b>	TRAF2
<b>Protein Names</b>	Recommended name: TNF receptor-associated factor 2 EC= 6.3.2.- Alternative name(s): E3 ubiquitin-protein ligase TRAF2 Tumor necrosis factor type 2 receptor-associated protein 3
<b>Expression Region</b>	2-501
<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 of Mature Protein
<b>Target Details</b>	This protein 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 superfamily. This protein directly interacts with TNF receptors, and forms a heterodimeric complex with TRAF1. This protein is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF1 interacts with the inhibitor-of-apoptosis proteins (IAPs), and functions as a mediator of the anti-apoptotic



signals from TNF receptors. The interaction of this protein with TRADD, a TNF receptor associated apoptotic signal transducer, ensures the recruitment of IAPs for the direct inhibition of caspase activation. BIRC2/c-IAP1, an apoptosis inhibitor possessing ubiquitin ligase activity, can ubiquitinate and induce the degradation of this protein, and thus potentiate TNF-induced apoptosis. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of only one transcript has been determined.

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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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**Shelf Life**

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