



# Recombinant Rat TNF receptor-associated factor 6 (Traf6)

<b>Product Code</b>	CSB-MP024154RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B5DF45
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSLLNCENSC ASSQSSSDCC AAMANSCSAA MKDDSVSGCV STGNLSSSFM EEIQGYDVEF DPPLESKYEC PICLMALREA VQTPCGHRFC KACITKSIRD AGHKCPVDNE ILLENQLFPD NFAKREILSL TVKCPNKGCV QKMELRHLED HQVHCEFALV ICPQCQRFFQ KCQINKHIIE DCPRRQVSCV NCAVPMPYEE KEIHDQSCPL ANIICEYCGT ILIREQMPNH YDLDCPTAPV PCTFSVFGCH EKMQRNHLAR HLQENTQLHM RLLAQAVHNV NLSLRPCDAS SPSRGCRPED PNYEETVKQL EGRLVRQDHQ IRELTAKMET QSMHVSELKR TIRSLEDKVA EMEAQQCNGI YIWKIGNFGM HLKSQEEERP VVIHSPGFYT GRPGYKLCMR LHLQLPTAQR CANYISLFVH TMQGEYDSHL PWPFGQTIRL TILDQSEAVI RQNHEEVMDA KPELLAFQRP TIPRNPKGFG YVTFMHLEAL RQGTFIKDDT LLVRCEVSTR FDMGGLRKEG FQPRSTDAGV
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Traf6
<b>Protein Names</b>	Recommended name: TNF receptor-associated factor 6 EC= 6.3.2.- Alternative name(s): E3 ubiquitin-protein ligase TRAF6
<b>Expression Region</b>	1-530
<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 associated factor (TRAF) protein family. TRAF proteins are associated with, and mediate signal transduction from members of the TNF receptor superfamily. This protein mediates the signaling not only from the members of the TNF receptor superfamily, but also from the members of the Toll/IL-1 family. Signals from receptors such as CD40, TNFSF11/RANCE and IL-1 have been shown to be mediated by this protein. This protein also interacts with various protein kinases including IRAK1/IRAK, SRC and PKCzeta, which provides a link between distinct signaling pathways. This protein functions as a signal transducer in the NF-kappaB pathway that activates IkkappaB kinase (IKK) in response to proinflammatory cytokines. The interaction of this protein with UBE2N/UBC13, and UBE2V1/UEV1A, which are ubiquitin conjugating enzymes catalyzing the formation of polyubiquitin chains,



has been found to be required for IKK activation by this protein. Two alternatively spliced transcript variants encoding identical proteins have been reported.

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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**

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.