



# 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>	<p>MSLLNCENSC ASSQSSSDCC AAMANSCSAA MKDDSVSGCV  STGNLSSSFM EEIQGYDVEF DPPLESKYEC PICLMALREA VQTPCGHRFC  KACITKSIRD AGHKCPVDNE ILLENQLFPD NFAKREILSL TVKCPNKGCV  QKMELRHLED HQVHCEFALV ICPQCQRFFQ KCQINKHIIIE 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</p>
<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>	<p>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 I kappaB 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,</p>



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.