



# Recombinant Mouse TNF receptor-associated factor 4 (Traf4)

<b>Product Code</b>	CSB-EP024152MO-B
<b>Abbreviation</b>	Traf4
<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>	Q61382
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPGFDYKFLE KPKRLLCPL CGKPMREPVQ VSTCGHRFCD TCLQEFLSEG VFKCPEDQLP LDYAKIYPDP ELEVQVLGLA IRCIHSEEGC RWSGPLRHLQ GHLNTCSFNV VPCPNRCPAK LSRRDLPAHL QHDCPKRRLK CEFCGCDGFSG EAYESHEGVC PQESVYCENK CGARMMRLL AQHATSECPK RTQPCAYCTK EFVYDTIQSH QYQCPRLPVP CPNQCQGVGTV AREDLPTHK DSCSTAFVLC PFKESGCKHR CPKLAMGRHV EESVKPHLAM MCALVSRQRQ ELQELRRELE ELSIGSDGVL IWKIGSYGRR LQEAKAKPNL ECFSPAFYTH KYGKYLQVSA FLNGNGSGEG THLSIYIRVL PGAFDNLLEW PFARRVTFSL LDQSDPGLAK PQHVTETFHP DPNWKNFQKP GTWRGSLDES SLGFGYPKFI SHQDIRKRN YVRDDAVFIRA SVELPRKILS
<b>Source</b>	E.coli
<b>Target Names</b>	Traf4
<b>Protein Names</b>	Recommended name: TNF receptor-associated factor 4 Alternative name(s): Cysteine-rich motif associated to RING and Traf domains protein 1
<b>Expression Region</b>	1-470
<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 gene encodes a member of the TNF receptor associated factor (TRAF) family. TRAF proteins are associated with, and mediate signal transduction from members of the TNF receptor superfamily. The encoded protein has been shown to interact with neurotrophin receptor, p75 (NTR/NTSR1), and negatively regulate NTR induced cell death and NF-kappa B activation. This protein has been found to bind to p47phox, a cytosolic regulatory factor included in a multi-protein complex known as NAD(P)H oxidase. This protein thus, is thought to be involved in the oxidative activation of MAPK8/JNK. Alternatively spliced



transcript variants have been observed but the full-length nature of only one 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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