



Recombinant Mouse TNF receptor-associated factor 2 (Traf2)

Product Code	CSB-MP024147MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P39429
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	AAASVTSPG SLELLQPGFS KTLGTRLEA KYLCSACKNI LRRPFQAQCG HRYCSFCLTS ILSSGPQNCA ACVYEGLYEE GISILESSA FPDNAARREV ESLPAVCPND GCTWKGTLKE YESCHEGLCP FLLTECPACK GLVRLSEKEH HTEQECPKRS LSCQHCRAPC SHVDLEVHYE VCPKFPLTCD GCGKKKIPRE TFQDHVRACS KCRVLCRFHT VGCSEMVETE NLQDHELQRL REHLALLSS FLEAQASPGT LNQVGPELLQ RCQILEQKIA TFENIVCVLN REVERVAVTA EACSRQHRLD QDKIEALSNK VQQLERSIGL KDLAMADLEQ KVSELEVSTY DGVFIWKISD FTRKRQEAVA GRTPAIFSPA FYTSRYGYKM CLRVYLNGDG TGRGTHLSLF FVVMKGPNDA LLQWPFNQKV TLMLLDHNNR EHVIDAFRPD VTSSSFQRPV SDMNIASGCP LFCPVSKMEA KNSYVRDDAI FIKAIVDLTG L
Source	Mammalian cell
Target Names	Traf2
Protein Names	Recommended name: TNF receptor-associated factor 2 EC= 6.3.2.- Alternative name(s): E3 ubiquitin-protein ligase TRAF2
Expression Region	2-501
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.

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.

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.