



Recombinant Mouse E3 ubiquitin-protein ligase TRIM21 (Trim21)

Product Code	CSB-MP733816MO
Abbreviation	Trim21
Storage	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.
Uniprot No.	Q62191
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MSPSTTSKMS LEKMWEEVTC SICLDPMVEP MSIECGHCFC KECIFEVGNK GGSSCPECRQ QFLLRNLRPN RHIANMVENL KQIAQNTKKS TQETHCMKHG EKLHLFCEED GQALCWVCAQ SGKHRDHTRV PEEAAKVYQ EKIHVVLEKL RKGKELAEKM EMDLTMQRTD WKRNIQTQKS RIHAEFALQN SLLAQEEQRQ LQRLEKDQRE YLRLLGKKEA ELAEKNQALQ ELISELERRI RGSELELLQE VRIILERSGS WNLDTLDIDA PDLTSTCPVP GRKKMLRTCW VHITLDRNTA NSWLIISKDR RQVRMGDTHQ NVSDNKERFS NYPMVLGAQR FSSGKMYWEV DVTQKEAWDL GVCRDSVQRK GQFSLSPENG FWTIWLWQDS YEAGTSPQTT LHIQVPPCQI GIFVDYEAGV VSFYNITDHG SLIYTFSECV FAGPLRPFFN VGFNYSGGNA APLKLCPLKM
Source	Mammalian cell
Target Names	Trim21
Protein Names	Recommended name: E3 ubiquitin-protein ligase TRIM21 EC= 6.3.2.- Alternative name(s): 52 kDa Ro protein 52 kDa ribonucleoprotein autoantigen Ro/SS-A Ro(SS-A) Sjogren syndrome type A antigen Short name= SS-A Tripartit
Expression Region	1-470
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 protein
Target Details	This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The encoded protein is part of the RoSSA ribonucleoprotein, which includes a single polypeptide and one of four small RNA molecules. The RoSSA particle localizes to both the cytoplasm and the nucleus. RoSSA interacts with autoantigens in patients with Sjogren syndrome



and systemic lupus erythematosus. Alternatively spliced transcript variants for this gene have been described but the full-length nature of only one 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.