



Recombinant Rat E3 ubiquitin-protein ligase TRIM63 (Trim63)

Product Code	CSB-EP856332RA-B
Abbreviation	Trim63
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.	Q91Z63
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MDYKSGILPD GNAMENLEKQ LICPICLEMF TKPVVILPCQ HNLCRKCAND IFQAANPYWT NRGGSVSMMSG GRFRCPSCRH EVIMDRHGVY GLQRNLLVEN IIDYKQECSSRPLQKGSHP MCKEHEDEKI NIYCLTCEVP TCSLCKVFGA HQACEVAPLQ SIFQGQKTEL SNCISMLVAG NDRVQTIISQ LEDSCRVTKE NSHQVKEELS HKFDALYAIL DEKKSELLQR ITQEQUEEKLD FIEALILQYR EQLEKSTKLV ETAIQLSLDEP GGATFLLSAK PLIKSIIVEAS KGCQLGKTEQ GFENMDYFTL NLEHIAEALR AIDFGTDEEE EFTEEEEEED QEEGVSTEGH Q
Source	E.coli
Target Names	Trim63
Protein Names	Recommended name: E3 ubiquitin-protein ligase TRIM63 EC= 6.3.2.- Alternative name(s): Muscle-specific RING finger protein 1 Short name= MuRF-1 Short name= MuRF1 Tripartite motif-containing protein 63
Expression Region	1-351
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 RING zinc finger protein family found in striated muscle and iris. The product of this gene is localized to the Z-line and M-line lattices of myofibrils, where titin s N-terminal and C-terminal regions respectively bind to the sarcomere. In vitro binding studies have shown that this protein also binds directly to titin near the region of titin containing kinase activity. Another member of this protein family binds to microtubules. Since these family members can form heterodimers, this suggests that these proteins may serve as a link between titin kinase and microtubule-dependent signal pathways in muscle.

**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

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