



Recombinant Human Tripartite motif-containing protein 54 (TRIM54)

Product Code	CSB-EP861180HU-B
Abbreviation	TRIM54
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.	Q9BYV2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MNFTVGFKPL LGDAHSM DNL EKQLICPICL EMFSKPVVIL PCQHNLCRKC ANDVFQASNP LWQSRGSTTV SSGGRFRCPS CRHEVVLD RH GVYGLQRNLL VENIIDYKQ ESRPLH S KA EQHLMCEEHE EEKINIYCLS CEVPTCSLCK VFGA HKDCEV APLPTIYKRQ KSELSDGIAM LVAGNDRVQA VITQMEEVCQ TIEDNSRRQK QLLNQR FESL CAVLEERKGE LLQALAREQE EKLQRV RGLI RQYGDHLEAS SKLVESAIQS MEEPQMALYL QQAKELINKV GAMSKVELAG RPEPGYESME QFTVRVEHVA EMLRTIDFQP GASGEEEEVA PDGEEGSAGP EEERPDGP
Source	E.coli
Target Names	TRIM54
Protein Names	Recommended name: Tripartite motif-containing protein 54 Alternative name(s): Muscle-specific RING finger protein Short name= MuRF Muscle-specific RING finger protein 3 Short name= MuRF-3 Short name= MuRF3 RING finger
Expression Region	1-358
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 protein contains a RING finger motif and is highly similar to the ring finger proteins RNF28/MURF1 and RNF29/MURF2. In vitro studies demonstrated that this protein, RNF28, and RNF29 form heterodimers, which may be important for the regulation of titin kinase and microtubule-dependent signal pathways in striated muscles. Alternatively spliced transcript variants encoding distinct isoforms have been reported.
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.