



Recombinant Human Tripartite motif-containing protein 55 (TRIM55)

Product Code	CSB-EP880142HU-B
Abbreviation	TRIM55
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.	Q9BYV6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSASLNYKSF SKEQQTMDNL EKQLICPICL EMFTKPVVIL PCQHNLCRKC ASDIFQASNP YLPTRGGTTM ASGGRFRCPS CRHEVVLDRH GVYGLQRNLL VENIIDYKQ ESTRPEKKSD QPMCEEHEEE RINIYCLNCE VPTCSLCKVF GAHKDCQVAP LTHVFQRQKS ELSDGAILV GSNDRVQGVI SQLEDTCKTI EECCRKQKQE LCEKFDYLYG ILEERKNEMT QVITRTQEEK LEHVRAIKK YSDHLENVSK LVESGIQFMD EPEMAVFLQN AKTLLKKISE ASKAFQMEKI EHGYENMNHF TVNLNREEKI IREIDFYRED EDEEEEEEGGE GEKEGEGEVG GEAVEVEEVE NVQTEFPGED ENPEKASELS QVELQAAPGA LPVSSPEPPP ALPPAADAPV TQGEVVPTGS EQTTESETPV PAAAEADPL FYPSWYKGQT RKATTNPPCT PGSEGLGQIG PPGSEDSNVR KAEVAAAAAS ERAAVSGKET SAPAATSQIG FEAPPLQGQA AAPASGSGAD SEPARHIFSF SWLNSLNE
Source	E.coli
Target Names	TRIM55
Protein Names	Recommended name: Tripartite motif-containing protein 55 Alternative name(s): Muscle-specific RING finger protein 2 Short name= MuRF-2 Short name= MuRF2 RING finger protein 29
Expression Region	1-548
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 zinc finger, a motif known to be involved in protein-protein interactions. This protein associates transiently with microtubules, myosin, and titin during muscle sarcomere assembly. It may act as a transient adaptor and plays a regulatory role in the assembly of sarcomeres. Four alternatively spliced transcript variants encoding distinct isoforms have been described.



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.