

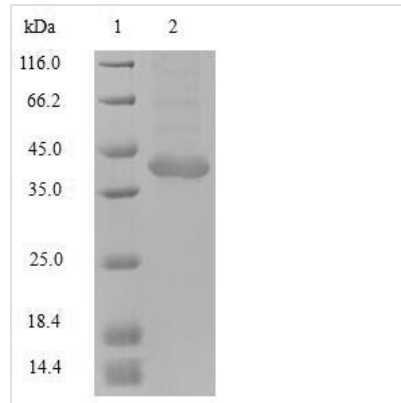


Recombinant Human Tripartite motif-containing protein 72 (TRIM72), partial

Product Code	CSB-MP744394HU
Relevance	Muscle-specific protein that plays a central role in cell membrane repair by nucleating the assembly of the repair machinery at injury sites. Specifically binds phosphatidylserine. Acts as a sensor of oxidation: upon membrane damage, entry of extracellular oxidative environment results in disulfide bond formation and homooligomerization at the injury site. This oligomerization acts as a nucleation site for recruitment of TRIM72-containing vesicles to the injury site, leading to membrane patch formation. Probably acts upstream of the Ca ²⁺ -dependent membrane resealing process. Required for transport of DYSF to sites of cell injury during repair patch formation. Regulates membrane budding and exocytosis. May be involved in the regulation of the mobility of KCNB1-containing endocytic vesicles
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.	Q6ZMU5
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSAAPGLLHQELSCPLCLQLFDAPVTAECGHSFCRACLGRVAGEPAADGTVL CPCCQAPTRPQALSTNLQLARLVEGLAQVPQGHCEEHLDP LSIYCEQDRALV CGVCASLGSHRGHRLLPAAEAHARLKTQLPQQKLQLQEACMRKEKSVAVLEH QLVEVEETVRQFRGAVGEQLGKMRVFLAALEGLDREAERVRGEAGVALRRE LGSLNSYLEQLRQMEKVL EEVADKPQTEFLMKYCLVTSRLQKILAESPPPARL DIQLPIIS
Research Area	Cell Biology
Source	Mammalian cell
Target Names	TRIM72
Protein Names	Mitsugumin-53;Mg53
Expression Region	1-269aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal Flag-Myc-tagged
Mol. Weight	32.5 kDa

**Protein Length**

Partial

Image

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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