



Recombinant Human E3 ubiquitin-protein ligase TRIM23 (TRIM23)

Product Code	CSB-EP024459HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P36406
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MATLVVNKLG AGVDSGRQGS RGTAVVKVLE CGVCEDVFSL QGDKVPRLLL CGHTVCHDCL TRLPLHGRAI RCPFDRQVTD LGDSGVWGLK KNFALLELLE RLQNGPIGQY GAAEESIGIS GESIIRCDDED EAHLASVYCT VCATHLCSEC SQVTHSTKTL AKHRRVPLAD KPHEKTMCSQ HQVHAIEFVC LEEGCQTSPL MCCVCKEYGK HQGHKHSVLE PEANQIRASI LDMAHCIRTF TEEISDYSRK LVGIVQHIEG GEQIVEDGIG MAHTEHVPGT AENARSCIRA YFYDLHETLC RQEEMALSUV DAHVREKLIW LRQQQEDMTI LLSEVSAACL HCEKTLQQDD CRVVLAKQEI TRLLETLQKQ QQQFTEVADH IQLDASIPVT FTKDNRVHIG PKMEIRVVTL GLDGAGKTTI LFKLKQDEFM QPIPTIGFNV ETVEYKNLKF TIWDVGGKHK LRPLWKHYLL NTQAVVFVVD SSHRDRISEA HSELAKLLTE KELRDALLI FANKQDVAGA LSVEEITELL SLHKLCCGRS WYIQGCDARS GMGLYEGLDW LSRQLVAAGV LDVA
Source	E.coli
Target Names	TRIM23
Protein Names	Recommended name: E3 ubiquitin-protein ligase TRIM23 EC= 6.3.2.- Alternative name(s): ADP-ribosylation factor domain-containing protein 1 GTP-binding protein ARD-1 RING finger protein 46 Tripartite motif-containing protein 23
Expression Region	1-574
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 is 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. This protein is also a member of the ADP ribosylation factor family of guanine nucleotide-binding family of proteins. Its carboxy terminus contains an ADP-ribosylation factor domain and a guanine nucleotide binding site, while the amino terminus contains a GTPase activating protein domain which acts on the guanine nucleotide binding site. The protein localizes to lysosomes and the Golgi apparatus. It plays a role in the formation of intracellular transport vesicles, their movement from one compartment to



another, and phospholipase D activation. Three alternatively spliced transcript variants for this gene 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.