



Recombinant Human Tripartite motif-containing protein 5 (TRIM5)

Product Code	CSB-EP874861HU-B
Abbreviation	TRIM5
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.	Q9C035
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MASGILVNVK EEVTCPICLE LLTQPLSLDC GHSFCQACL ANHKKSM LDK GESSCPVCRI SYQPENIRPN RHVANIVEKL REVKLSPEGQ KVDH CARHGE KLLLFCQEDG KVICWLCERS QEHRGHHTFL TEEVAREYQV KLQAALEMLR KQQQEAE ELE ADIREEKASW KTQIQYDKTN VLADFEQLRD ILDWEE SNEL QNLEKEEEDI LKSLTNSETE MVQQTQSLRE LISDLEHRLQ G SVMELLQGV DGVIKRTENV TLKKPETFPK NQRRVFRAPD LKGMLEVFRE LTDVRRYWVD VTVAPNNISC AVISEDKRQV SSPKPQIIYG ARGTRYQTFV NFN YCTGILG SQSITSGKHY WEVDVSKKTA WILGVCAGFQ PDAMCNIEKN ENYQPKYGYW VIGLEEGVKC SAFQDSSFHT PSVPFIVPLS VIICPDRVGV FLDYEACTVS FFNITNHGFL IYKFSHCSFS QPVFPYLNPR KCGVPM TLCS PSS
Source	E.coli
Target Names	TRIM5
Protein Names	Recommended name: Tripartite motif-containing protein 5 EC= 6.3.2.- Alternative name(s): RING finger protein 88
Expression Region	1-493
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. The protein forms homo-oligomers via the coiled-coil region and localizes to cytoplasmic bodies. It appears to function as a E3 ubiquitin-ligase and ubiquitinates itself to regulate its subcellular localization. It may play a role in retroviral restriction. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.

**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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