



Recombinant Human Tripartite motif-containing protein 5 (TRIM5)

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|--------------------------|---|
| Product Code | CSB-YP874861HU |
| 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 | Yeast |
| 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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