



Recombinant Human TRIM5 Protein Product Manual

1. Product Basic Information

Product No.: REP08544

Protein Name: Ring Finger Protein 88 (TRIM5)

Aliases: RNF88; TRIM5alpha; ring finger protein 88; tripartite motif-containing protein 5 alpha

UniProt ID: Q9C035

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9C035/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-493aa)

Molecular Weight: 70.3kDa

Protein Tag: N-terminal 6XHis-B2M-tagged

2. Amino Acid Sequence (1-493aa)

MASGILVNVKEEVTCPICLELLTQPLSLDCGHSFCQACL TANHKKSM LDKGESSCPV
CRISYQPENIRPNRHVANIVEKLREVKLSPEGQKVDH CARHG EKLLLFCQEDGKVIC
WLCERSQEHRGHHTFLTEE VAREYQVKLQA ALEMLRQKQQEAEELEADIREEKAS
WKTQIQYDKTNVLADFEQLRDILDWEESNELQNLEKEEEDILKSLTNSETEMVQQT
QSLRELISDLEHRLQG SVMELLQGVDGVIKRTENVTLK KPETFPKNQRRVFRAPDLK
GMLEVFRELTDVRRYWVDVT VAPNNISCAVISEDKRQVSSPKPQIIYGARGTRYQTF
VNFNYCTGILGSQSITSGKH YWEVDVSKKTAWILGVCAGFQPDAMCNIEKNENYQP
KYG YWVIGLEEGVKCSAFQDSSFHTPSVPIVPLSVIICPDRVGVFLDYEA CTVSFFN
ITNHGFLIYKFSHCSFSQPVPYLNPRKCGVPM T L C S P S S

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human TRIM5 full length protein (1-493aa) expressed in E.coli. The protein is with 6XHis-B2M tag at the N-terminus, which facilitates protein purification, detection and identification. TRIM5, also known as RNF88 or TRIM5alpha or ring finger protein 88, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.