



# Recombinant Rat TRIM2 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08543

**Protein Name:** Ring Finger Protein 86 (TRIM2)

**Aliases:** CMT2R; RNF86; RING finger protein 86; E3 ubiquitin-protein ligase TRIM2; Charcot-Marie-Tooth disease, type 2R

**UniProt ID:** Q9C040

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q9C040/entry>

**Species Source:** Rattus norvegicus (Rat)

**Expression System:** E.coli

**Protein Length:** Full Length (1-744aa)

**Molecular Weight:** 85.5 kDa

**Protein Tag:** N-terminal 6xHis-tagged

## 2. Amino Acid Sequence (1-744aa)

MASEGASIPSPVVRQIDKQFLICSICLERYKNPKVLPCLHTFCERCLQNYIPAHS�TLS  
CPVCRQTSILPEKGVAAALQNNFFITNLMVDLQRTPGSNGEDPSILQTVTAVAAGKPL  
SCPNHDGNVMEFYCQSCETAMCRECTEGEHAEHPTVPLKDVVEQHKASLQVQLD  
AVNKRLPEIDSALQFISEIIHQLTNQQASIVDDIHSTFDELQKTLNVRKSVLLMELEVN  
YGLKHKVLSQLDITLLQGQESIKSCSNFTAQALNHGTETEVLLVKKQMSEKLNELA  
DQDFPLHPRENDQLDFIVETEGLKKSIIHNLGILTITNAVASETVATGEGLRQTIIGQP  
MSVTITTKDKDGELCKTGNAYLTAELSTPDGVSADGEILDNKNNGTYEFLYTVQKEGD  
FTLSLRLYDQHIRGSPFKLVIRSAVSPPTTEGVKRRVKSPGSGHVKQKAVKRPAS  
MYSTGKRKENPIEDDLIFRVGKGRNKGFTNLQGVAASTSGKILIADSNNQCVQIF  
SNDGQFKSRFGIRGRSPGQLQRPTGVAVHPSGDIIIADYDNKWWVSIFSNDGKFKTKI  
GSGKLMGPKGVSVDNRNGHIIVVDNKACCVFIFQPNGKIVTRFGSRGNGDRQFAGPH  
FAAVNSSNEIIITDFHNHSVKVFNQEGEFMLKFGSNGEGNGQFNAPTGVAVDSNGN  
IIVADWGNRSRIQVFDGSGSFLSYINTSADPLYGPQGLALTS DGHVVVADSGNHCFKV  
YRYLQ

## 3. Storage Buffer



**Enlibio** Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

**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 Rat TRIM2 full length protein (1-744aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. TRIM2, also known as CMT2R or RNF86 or RING finger protein 86, 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.