

Recombinant Mouse TNMD Protein Product Manual

1. Product Basic Information

Product No.: REP08510

Protein Name: Chondromodulin-I-Like Protein (TNMD)

Aliases: TEM; hTeM; CHM1L; BRICD4; hChM1L; tendin; myodulin; tenomodulin; chondromodulin-IB; chondromodulin-I-like protein

UniProt ID: Q9H2S6

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9H2S6/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Partial (51-317aa)

Molecular Weight: 35.6 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (51-317aa)

KHFWPEVSKKTYDMEHTFYSNGEKKKIYMEIDPITRTEIFRSGNGTDETLEVHDFKN
GYTGIYFVGLQKCFIKTQIKVIPEFSEPEEEIDENEEITTTFFEQSVIWWPAEKPIENRD
FLKNSKILEICDNVTMYWINPTLIAVSELQDFEEDGEDLHFPTSEKKGIDQNEQWVVP
QVKVEKTRHTRQASEEDLPINDYTENGIEFDPMLDERGYCCICYCRRGNRYCRRVCE
PLLGYPYPYCYQGGRVICRVIMPCNWWWARMMLGRV

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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 Mouse TNMD partial protein (51-317aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. TNMD, also known as TEM or hTeM or CHM1L, 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.