



Recombinant Human TIMP3 Protein Product Manual

1. Product Basic Information

Product No.: REP08461

Protein Name: Mig-5 Protein (TIMP3)

Aliases: SFD; K222; TIMP-K222TA2; HSMRK222; MIG-5 protein

UniProt ID: P35625

UniProt Link: <https://www.uniprot.org/uniprotkb/P35625/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (30-208aa)

Molecular Weight: 24.8kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (30-208aa)

HPQDAFCNSDIVIRAKVVGKKLVKEGPFGLVYTIKQMKMYRGFTKMPHVQYIHTEA
SESLCGLKLEVNKYQYLLTGRVYDGMKMYTGLCNFVERWDQLTSLQRKGLNYRYHL
GCNCKIKSCYYLPCFVTSKNECLWTDMLSNFGYPGYQSKHYACIRQKGGYCSWYR
GWAPPDKSIINA

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 TIMP3 partial protein (30-208aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. TIMP3, also known as SFD or K222 or TIMP-K222TA2, 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.