

Recombinant Human TIMM17A Protein Product Manual

1. Product Basic Information

Product No.: REP08455

Protein Name: Preprotein Translocase (TIMM17A)

Aliases: TIM17; TIM17A; preprotein translocase; mitochondrial inner membrane translocase; inner membrane preprotein translocase Tim17a; translocase of inner mitochondrial membrane 17A

UniProt ID: Q99595

UniProt Link: <https://www.uniprot.org/uniprotkb/Q99595/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-171aa)

Molecular Weight: 45.0kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-171aa)

MEEYAREPCPWRIVDDCGGAFTMGTIGGGIFQAIKGFNRNSPVG VNHRLRGLTAIK
TRAPQLGGFAVWGGFLFSMIDCSMVQVRGKEDPWNSITSGALTGAILAARNGPVA
MVGSAAMGGILLALIEGAGILLTRFASAQFPNGPQFAEDPSQLPSTQLPSSPFGDYR
QYQ

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



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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 TIMM17A full length protein (1-171aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. TIMM17A, also known as TIM17 or TIM17A or preprotein translocase, 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.