

Recombinant Mouse THY1 Protein Product Manual

1. Product Basic Information

Product No.: REP08448

Protein Name: Thy-1 Antigen (THY1)

Aliases: CD90; CDw90; thy-1 antigen; Thy-1 T-cell antigen; Thy-1 cell surface antigen; thy-1 membrane glycoprotein

UniProt ID: P04216

UniProt Link: <https://www.uniprot.org/uniprotkb/P04216/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (20-131aa)

Molecular Weight: 28.8kDa

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

2. Amino Acid Sequence (20-131aa)

QKVTSLTACLNVNQLRLDCRHENNTKDNSIQHEFSLTREKRKHVLSGTLGIPEHTYR
SRVTLNQPYIKVLTLANFTTKDEGDYFCELQVSGANPMSSNKSISVYRDKLVKC

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 Mouse THY1 full length of mature protein protein (20-131aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. THY1, also known as CD90 or CDw90 or thy-1 antigen, 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.