



Recombinant Mouse CD82 Protein Product Manual

1. Product Basic Information

Product No.: REP06399

Protein Name: C33 Antigen (CD82)

Aliases: R2; 4F9; C33; IA4; ST6; GR15; KAI1; SAR2; TSPAN27; tsan-27; C33 antigen; CD82 antigen; CD82 molecule; tetraspanin-27; inducible membrane protein R2

UniProt ID: P27701

UniProt Link: <https://www.uniprot.org/uniprotkb/P27701/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Extracellular Domain (111-227aa)

Molecular Weight: 29.5kDa

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

2. Amino Acid Sequence (111-227aa)

DKLKKEMGNTVMDIIRNYTANATSSREEAWDYVQAQVKCCGWVSHYNWTENEEL
MGFTKTTYPCSCKEIKEEDNQLIVKKGFCADNSTVSENNPEDWPVNTEGCMEKA
QAWLQENF

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

5. Product Description

This product is a recombinant Mouse CD82 extracellular domain protein (111-227aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. CD82, also known as R2 or 4F9 or C33, 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.