

Recombinant Mouse SLC2A1 Protein Product Manual

1. Product Basic Information

Product No.: REP08259

Protein Name: Dystonia Gene Dystonia Gene 18 (SLC2A1)

Aliases: CSE; PED; DYT9; GLUT; DYT17; DYT18; EIG12; GLUT1; HTLV1; GLUT-SDCHCN; GLUT1DS; dystonia gene dystonia gene 18; hepG2 glucose transporter; human T-cell leukemia virus (I and II) receptor

UniProt ID: P11166

UniProt Link: <https://www.uniprot.org/uniprotkb/P11166/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Partial (451-492aa)

Molecular Weight: 4.5 kDa

Protein Tag: Tag-Free

2. Amino Acid Sequence (451-492aa)

KVPETKGRTFDEIASGFRQGGASQSDKTPEELFHPLGADSQV

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 SLC2A1 partial protein (451-492aa) expressed in E.coli. The protein is tag-free. SLC2A1, also known as CSE or PED or DYT9, 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.