

# Recombinant Human SLC5A2 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08270

**Protein Name:** Na(+)/Glucose Cotransporter Sodium/Glucose Cotransporter Solute Carrier Family 5 Member Low Affinity Sodium-Glucose Cotransporter (SLC5A2)

**Aliases:** Na(+)/glucose cotransporter sodium/glucose cotransporter solute carrier family 5 member low affinity sodium-glucose cotransporter

**UniProt ID:** P31639

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P31639/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Partial (1-102aa)

**Molecular Weight:** 15.5kDa

**Protein Tag:** N-terminal 10xHis-tagged and C-terminal Myc-tagged

## 2. Amino Acid Sequence (1-102aa)

MEEHTEAGSAPEMGAQKALIDNPADILVIAAYFLLVIGVGLWSMCRNTRGTVGGYFL  
AGRSMVWWPVGASLFASNIGSGHFVGLAGTGAASGLAVAGFEWNA

## 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 SLC5A2 partial protein (1-102aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. SLC5A2, also known as Na(+)/glucose cotransporter sodium/glucose cotransporter solute carrier family 5 member low affinity sodium-glucose cotransporter, 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.