Recombinant Human SLC39A11 Protein Product Manual

1. Product Basic Information

Product No.: REP08264

Protein Name: Zinc Transporter 11 (SLC39A11)

Aliases: ZIP11; ZIP-11; C17orf26; zinc transporter 11; zinc transporter ZIP11; ZRT/IRT-like protein 11; Zrt- and Irt-like protein 11; solute carrier family 39 member 11

UniProt ID: Q8N1S5

UniProt Link: https://www.uniprot.org/uniprotkb/Q8N1S5/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (93-193aa)

Molecular Weight: 42.2 kDa

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

2. Amino Acid Sequence (93-193aa)

YLADLLMPHLGAAEDPQTTLALNFGSTLMKKKSDPEGPALLFPESELSIRIGRAGLLS
DKSENGEAYQRKKAAATGLPEGPAVPVPSRGNLAQPGGSSWRR

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 SLC39A11 partial protein (93-193aa) expressed in E.coli. The protein is with 6xHis-GST tag at the N-terminus, which facilitates protein purification, detection and identification. SLC39A11, also known as ZIP11 or ZIP-11 or C17orf26, 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.