Recombinant Human VPS29 Protein Product Manual

1. Product Basic Information

Product No.: REP08639

Protein Name: Pep11 Homolog (VPS29)

Aliases: DC7; DC15; PEP11; hVPS29; PEP11 homolog; x 007 protein; retromer protein; vesicle protein sorting 29; VPS29 retromer complex component; vacuolar protein sorting 29 homolog; vacuolar sorting protein VP...

UniProt ID: Q9UBQ0

UniProt Link: https://www.uniprot.org/uniprotkb/Q9UBQ0/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial of Isoform 2 (68-145aa)

Molecular Weight: 40.3 kDa

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

2. Amino Acid Sequence (68-145aa)

DENLNYPEQKVVTVGQFKIGLIHGHQVIPWGDMASLALLQRQFDVDILISGHTHKFE AFEHENKFYINPGSATGAYNA

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 VPS29 partial of isoform 2 protein (68-145aa) expressed in E.coli. The protein is with 6xHis-GST tag at the N-terminus, which facilitates protein purification, detection and identification. VPS29, also known as DC7 or DC15 or PEP11, 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.