Recombinant Human LRP2 Protein Product Manual

1. Product Basic Information

Product No.: REP07381

Protein Name: Glycoprotein 330 (LRP2)

Aliases: DBS; GP330; LRP-megalin; glycoprotein 330; calcium sensor protein

UniProt ID: P98164

UniProt Link: https://www.uniprot.org/uniprotkb/P98164/entry

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Extracellular Domain (1186-1389aa)

Molecular Weight: 24.2kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1186-1389aa)

NCTASQFKCASGDKCIGVTNRCDGVFDCSDNSDEAGCPTRPPGMCHSDEFQCQE
DGICIPNFWECDGHPDCLYGSDEHNACVPKTCPSSYFHCDNGNCIHRAWLCDRDN
DCGDMSDEKDCPTQPFRCPSWQWQCLGHNICVNLSVVCDGIFDCPNGTDESPLC
NGNSCSDFNGGCTHECVQEPFGAKCLCPLGFLLANDSKTCE

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 LRP2 extracellular domain protein (1186-1389aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. LRP2, also known as DBS or GP330 or LRP-megalin, 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.