



Recombinant Human LRP4 Protein Product Manual

1. Product Basic Information

Product No.: REP07382

Protein Name: LRP4

Aliases: CLSS; CMS17; LRP-LRP10; MEGF7; SOST2

UniProt ID: O75096

UniProt Link: <https://www.uniprot.org/uniprotkb/O75096/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Cytoplasmic Domain (1747-1905aa)

Molecular Weight: 21.9kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1747-1905aa)

YRHKKSKFTDPGMGNLTYSNPSYRTSTQEVKIEAIPKPAMYNQLCYKKEGGPDHNY
TKEKIKIVEGICLLSGDDAEWDDLKQLRSSRGLLRDHVCMTDTVSIQASSGSLDD
TETEQLLQEEQSECSSVHTAATPERRGSLPDTGWKHERKLSSSESQV

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 LRP4 cytoplasmic domain protein (1747-1905aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. LRP4, also known as CLSS or CMS17 or LRP-LRP10, 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.