



Recombinant Human LGR6 Protein Product Manual

1. Product Basic Information

Product No.: REP07346

Protein Name: Gonadotropin Receptor (LGR6)

Aliases: GPCR; VTS20631; gonadotropin receptor

UniProt ID: Q9HBX8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9HBX8/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Partial (25-567aa)

Molecular Weight: 62.2 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (25-567aa)

APQPGPGPTACAPAPCHCQEDGIMLSADCSELGLSAVPGDLDPLTAYLDLSMNNLTE
LQPGLFHHLRFLEELRLSGNHLSHIPGQAFSGLYSLKILMLQNNQLGGIPAEALWEL
PSLQSLRLDANLISLVPERSFEGLSSLRHLWDDNALTEIPVRALNNLPALQAMTLAL
NRISHIPDYAFQNLTSLVVLHLHNNRIQHGLGTHSFEGLHNLETLDLNYNKLQEFPVAI
RTLGLRLQELGFHNNNIKAPEKAFMGNPLLQTIHFYDNPIQFVGRSAFQYLPKLHTLS
LNGAMDIQEFPDLKGTTSLEILTLAGIRLLPSGMCQQLPRLRVLELSHNQIEELPS
LHRCQKLEEIGLQHNRWEIGADTFSQLSSLQALDLSWNAIRSIHPEAFSTLHSLVKL
DLTDNQLTTPLAGLGGLMHLKLGKGNLALSQAFSKDSFPKLRILEVPYAYQCCPYGM
CASFFKASGQWEAEDLHLDDEESSKRPLGLLARQAENHYDQDLDELQLEMEDSKP
HPSVQCSPTPGPFKPCEYLFESWGIRLA

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 LGR6 partial protein (25-567aa) expressed in Yeast. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. LGR6, also known as GPCR or VTS20631 or gonadotropin receptor, 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.