



Recombinant Mouse GCGR Protein Product Manual

1. Product Basic Information

Product No.: REP06962

Protein Name: Glucagon Receptor (GCGR)

Aliases: GGR; GL-MVAH; glucagon receptor

UniProt ID: P47871

UniProt Link: <https://www.uniprot.org/uniprotkb/P47871/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Extracellular Domain (27-143aa)

Molecular Weight: 40.8kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (27-143aa)

AQVMDFLFEKWKLYSDQCHHNLSLLPPPTLVCNRTFDKYSCWPDTPPNTTANISC
PWYLPWYHKVQHRLVFKRCGPDGQWVRGPRGQPWRNASQCQLDDEEIEVQKGV
AKMYSSQQ

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 Mouse GCGR extracellular domain protein (27-143aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. GCGR, also known as GGR or GL-MVAH or glucagon 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.