Recombinant Human PTH2R Protein Product Manual

1. Product Basic Information

Product No.: REP07945

Protein Name: Pth2 Receptor (PTH2R)

Aliases: PTH2 receptor; parathyroid hormone 2 receptor; parathyroid hormone receptor 2

UniProt ID: P49190

UniProt Link: https://www.uniprot.org/uniprotkb/P49190/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Extracellular Domain (27-145aa)

Molecular Weight: 29.6kDa

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

2. Amino Acid Sequence (27-145aa)

DSDGTITIEEQIVLVLKAKVQCELNITAQLQEGEGNCFPEWDGLICWPRGTVGKISAV PCPPYIYDFNHKGVAFRHCNPNGTWDFMHSLNKTWANYSDCLRFLQPDISIGKQEF FERLY

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 PTH2R extracellular domain protein (27-145aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. PTH2R, also known as PTH2 receptor or parathyroid hormone 2 receptor or parathyroid hormone receptor 2, 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.