



Recombinant Human HCRTR1 Protein Product Manual

1. Product Basic Information

Product No.: REP07088

Protein Name: HCRTR1

Aliases: OX1R; OXR1; ORXR1

UniProt ID: O43613

UniProt Link: <https://www.uniprot.org/uniprotkb/O43613/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Partial (1-46aa)

Molecular Weight: 21.4 kDa

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

2. Amino Acid Sequence (1-46aa)

MEPSATPGAQMGVPPGSREPSVPPDYEDFLRYLWRDYLYPKQYE

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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 HCRTR1 partial protein (1-46aa) expressed in Yeast. The protein is with 6xHis-sumostar tag at the N-terminus, which facilitates



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protein purification, detection and identification. HCRTR1, also known as OX1R or OXR1 or ORXR1, 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.