

## **PRODUCT INFORMATION**

HCRTR1 **Target** 

**Synonyms** ORXR1;OX1R;OXR1

Recombinant Human HCRTR1 Protein with C-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** 043613 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

Storage & Shipping

**Background** 

HCRTR1(Met1-Glu46) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 31.5 kDa after removal of the signal peptide. The apparent molecular mass of HCRTR1-hFc is **Molecular Weight** approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein selectively binds the hypothalamic neuropeptide orexin A. A

related gene (HCRTR2) encodes a G-protein coupled receptor that binds orexin A and orexin B. [provided by RefSeq, Jan 2009]

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Usage Research use only

Conjugate Unconjugated





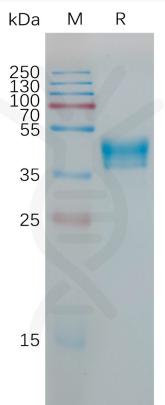


Figure 1. Human HCRTR1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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