

HUMAN HCRT1R PROTEIN, hFc TAG

目录: 11850

产品名称: Human HCRT1R Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: ORX1R;OX1R;OX1

Target: HCRT1R

UNIPROT ID: O43613

描述: Recombinant Human HCRT1R Protein with C-terminal human Fc tag

背景: 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 (HCRT2) encodes a G-protein coupled receptor that binds orexin A and orexin B. [provided by RefSeq, Jan 2009]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 31.5 kDa after removal of the signal peptide. The apparent molecular mass of HCRT1R-hFc is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: HCRT1R(Met1-Glu46) hFc(Glu99-Ala330)

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.



Figure 1. Human HCRT1 Protein, hFc Tag on SDS-PAGE under reducing condition.