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32-18131: Recombinant Human HCRTR1 Protein, hFc Tag

Uniprot ID : O43613
Alternative Name : ORXR1; OX1R; OXR1

Description

Molecular Characterization: HCRTR1(Met1-Glu46) hFc(Glu99-Ala330)
Molecular weight: 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 approximately 35-55 kDa due to glycosylation.
Description: Recombinant Human HCRTR1 Protein with C-terminal human Fc tag
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.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.