PRODUCT INFORMATION

Target	HCRTR1
Synonyms	ORXR1;OX1R;OXR1
Description	Recombinant Human HCRTR1 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	O43613
Expression Host	HEK293
Tag	C-Human Fc Tag
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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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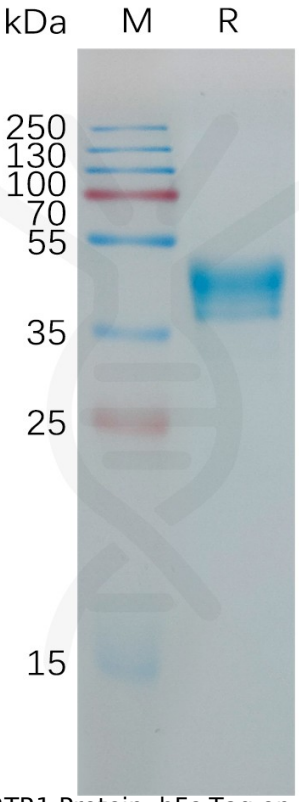


Figure 1. Human HCRTR1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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