Recombinant Human HCRTR1 Protein, GST-tagged

Cat. No. HCRTR1-4634H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HCRTR1 full-length ORF (AAH74796.1, 1 a.a. - 425 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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
Molecular Mass	73.9 kDa
AA Sequence	MEPSATPGAQMGVPPGSREPSPVPPDYEDEFLRYLWRDYLYPKQYEWVLIAAYVA VFVVALVGNTLVCLAVWRNHHMRTVTNYFIVNLSLADVLVTAICLPASLLVDITESWL FGHALCKVIPYLQAVSVSVAVLTLSFIALDRWYAICHPLLFKSTARRARGSILGIWAVS LAIMVPQAAVMECSSVLPELANRTRLFSVCDERWADDLYPKIYHSCFFIVTYLAPLGL MAMAYFQIFRKLWGRQIPGTTSALVRNWKRPSDQLGDLEQGLSGEPQPRARAFLA EVKQMRARRKTAKMLMVVLLVFALCYLPISVLNVLKRVFGMFRQASDREAVYACFTF SHWLVYANSAANPIIYNFLSGKFREQFKAAFSCCLPGLGPCGSLKAPSPRSSASHKS LSLQSRCSISKISEHVVLTSVTTVLP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

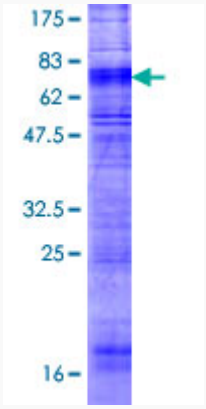
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HCRTR1 hypocretin (orexin) receptor 1 [Homo sapiens]
Official Symbol	HCRTR1
Synonyms	HCRTR1; hypocretin (orexin) receptor 1; orexin receptor type 1; OX1R; ox1-R; ox-1-R; orexin receptor 1; orexin receptor-1; hypocretin receptor 1; hypocretin receptor-1; hypocretin receptor type 1;
Gene ID	3061
mRNA Refseq	NM_001525
Protein Refseq	NP_001516
MIM	602392
UniProt ID	O43613

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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