Recombinant Human HCRTR2 Protein, GST-tagged

Cat. No. HCRTR2-4636H **Lot. No.** (See product label)

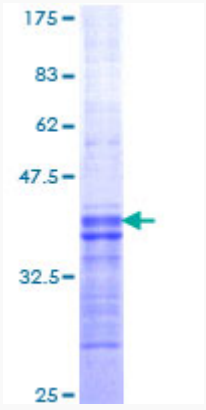
SPECIFICATION

Product Overview	Human HCRTR2 partial ORF (NP_001517, 1 a.a. - 54 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 binds the hypothalamic neuropeptides orexin A and orexin B. A related gene (HCRTR1) encodes a G-protein coupled receptor that selectively binds orexin A. [provided by RefSeq
Molecular Mass	31.68 kDa
AA Sequence	MSGTKLEDSPPCRNWSSASELNETQEPFLNPTDYDDEEFLRYLWREYLHPKEYE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) 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.

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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HCRTR2 hypocretin (orexin) receptor 2 [Homo sapiens]
Official Symbol	HCRTR2
Synonyms	HCRTR2; hypocretin (orexin) receptor 2; orexin receptor type 2; OX2R; ox2-R; ox-2-R; hypocretin receptor type 2;
Gene ID	3062
mRNA Refseq	NM_001526
Protein Refseq	NP_001517
MIM	602393
UniProt ID	O43614
Quality Control Testing	

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12.5% SDS-PAGE Stained with Coomassie Blue.

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