

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

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