

Recombinant Human HCRT2R Protein (K294-H388), Flag/10×His tagged

Cat. No. HCRT2R-0772H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HA(signal peptide)-Flag-OX2R(M1-Q254)-PGS protein-OX2R(K294-H388)-10His Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	K294-H388
Description	Nonselective, high-affinity receptor for both orexin-A and orexin-B neuropeptides (). Triggers an increase in cytoplasmic Ca(2+) levels in response to orexin-A binding ().
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer	Supplied as sterile 20 mM HEPES (pH 7.5), 150 mM NaCl, 1 μ M suvorexant, 0.05% LMNG, 0.005% CHS, 0.005% sodium cholate
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Shipping	It is shipped out with blue ice.
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GENE INFORMATION

Gene Name	HCRT2 hypocretin (orexin) receptor 2 [Homo sapiens (human)]
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Official Symbol	HCRT2
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Synonyms	HCRT2; hypocretin (orexin) receptor 2; orexin receptor type 2; OX2R; ox2-R; ox-2-R; hypocretin receptor type 2;
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Gene ID	3062
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mRNA Refseq	NM_001526
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Protein Refseq	NP_001517
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MIM	602393
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UniProt ID	O43614
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