

Recombinant Human HCRTR1 Protein (M1-Q246, K288-L380), Flag, 10×His tagged

Cat. No. HCRTR1-0696H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Flag-OX1R(M1-Q246)-PGS protein-OX1R(K288-L380)-10His Protein was expressed in Mammalian cell.
Species	Human
Source	Mammalian Cells
ProteinLength	M1-Q246, K288-L380
Description	Moderately selective excitatory receptor for orexin-A and, with a lower affinity, for orexin-B neuropeptide (). 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 SB-674042, 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	HCRT1 hypocretin (orexin) receptor 1 [Homo sapiens (human)]
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Official Symbol	HCRT1
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Synonyms	HCRT1; 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;
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Gene ID	3061
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mRNA Refseq	NM_001525
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Protein Refseq	NP_001516
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MIM	602392
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UniProt ID	O43613
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