

# Recombinant Human HCRTR1 Protein (M1-Q246, K288-L380), Flag, 10xHis tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human Flag-OX1R(M1-Q246)-PGS protein-OX1R(K288-L380)-10His Protein was expressed in Mammalian cell.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	M1-Q246, K288-L380
<b>Description</b>	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 ().
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	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 μM SB-674042, 0.05% LMNG, 0.005% CHS, 0.005% sodium cholate

**Shipping** It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name** HCRTR1 hypocretin (orexin) receptor 1 [ Homo sapiens (human) ]

**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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