

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

Cat. No. HCRTR1-12H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human Flag-OX1R(M1-Q246)-PGS protein-OX1R(K288-L380)-10His was expressed in mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	M1-Q246, K288-L380
Description	The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein selectively binds the hypothalamic neuropeptide orexin A. A related gene (HCRTR2) encodes a G-protein coupled receptor that binds orexin A and orexin B.
Form	Liquid
Endotoxin	< 0.01 EU/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

 Tel: 1-631-559-9269 1-516-512-3133

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 45-1 Ramsey Road, Shirley, NY 11967, USA

protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

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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