

Specifications:

Gene:	<i>h</i> MCHR1
Accession:	AAC14587
Insert size:	1222bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

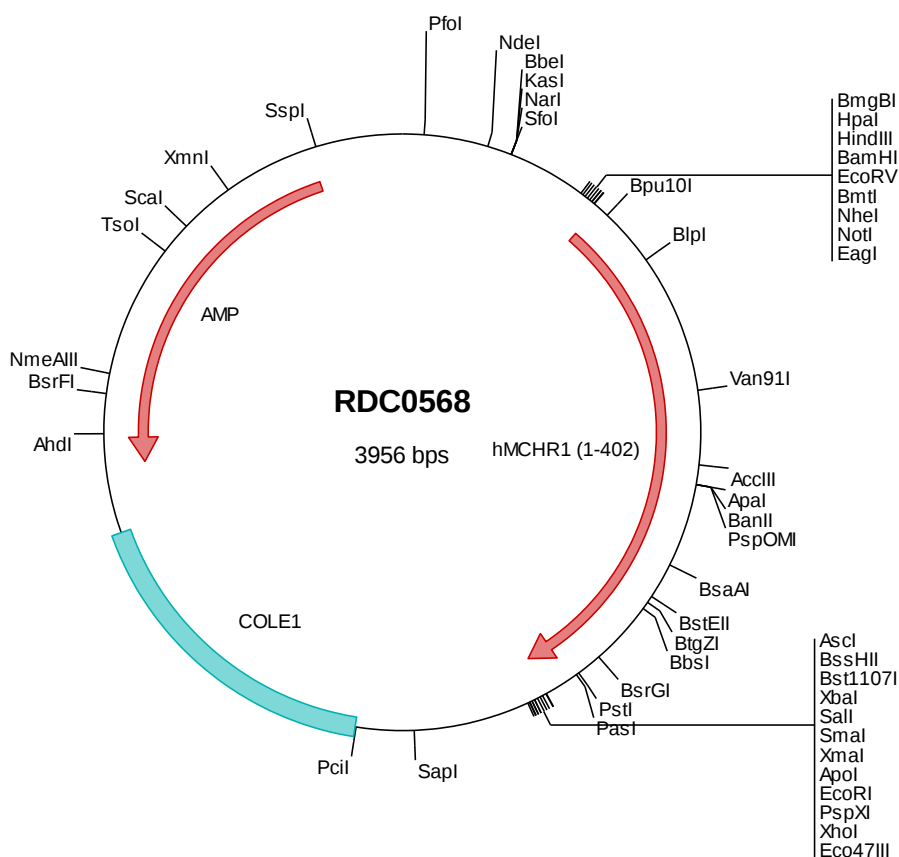
*h*MCHR1 cDNA Plasmid

MCHR1 melanin-concentrating hormone receptor 1 [*Homo sapiens*]

Also known as: SLC1; GPR24;
MCH1R

Summary:

MCHR1 is a member of the G protein-coupled receptor family 1. It is an integral plasma membrane protein which binds melanin-concentrating hormone. MCHR1 can inhibit cAMP accumulation, stimulate intracellular calcium flux, and is probably involved in the neuronal regulation of food consumption. Although structurally similar to somatostatin receptors, this protein does not seem to bind somatostatin.





> RDC0568 Plasmid DNA Sequence

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201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggaatgtgtg caagcgatt aagtttggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaatccgata tcgctagcgc ggccgccacc atgtttgtgc cttccaagac agatggctca gggcactctg gtaggattca
501  ccaggaaact catggagaag ggaagggga caagattagc aacagtgaag ggaggagaa tgggtggaga ggattocaga tgaacggtgg gtcgctggag
601  gctgagcatg ccagcaggat gtcagtcttc agagcaaaag ccatgtcaaa cagccaacgc ttgctccttc tgtccccagg atcacctcct cgcacgggga
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> RDC0568 Translated Insert Sequence

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201  tkfrkpsvat lvicllwals fisitpwlw arlipfpgga vgcgirlpnp dtdlywftly qfflafalpf vvitaayvri lqrmssvap asqrsirlrt
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401  gt
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