

Specifications:

Gene:	hCHRM3
Accession:	NP_000731
Insert size:	1784bp
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.

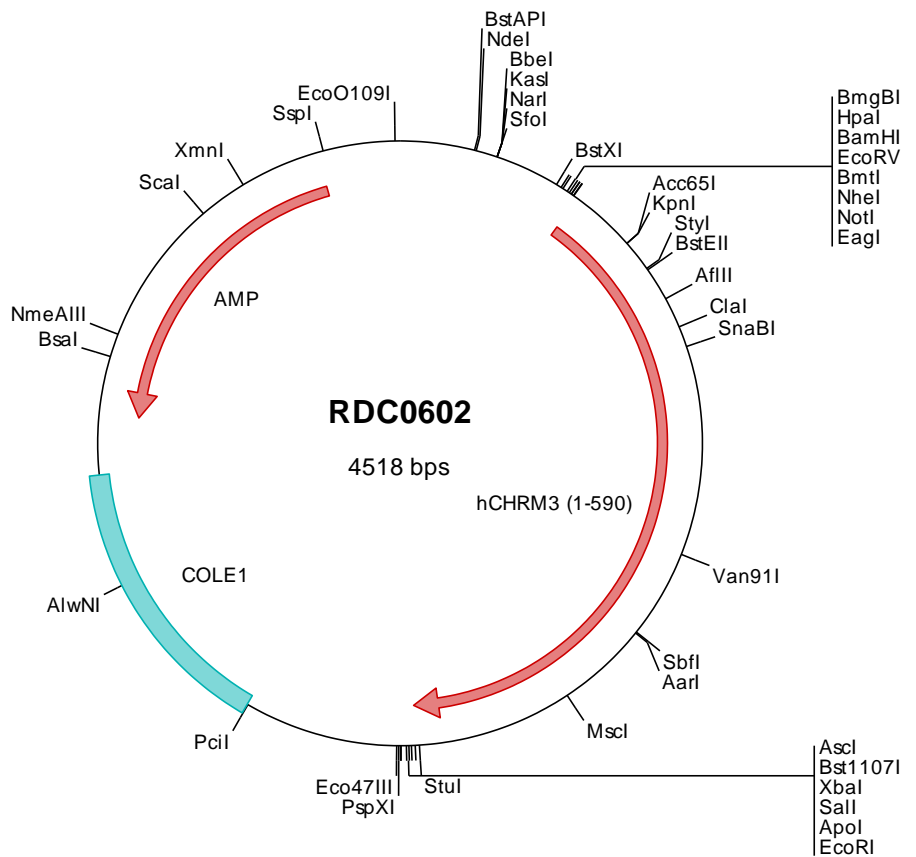
hCHRM3 cDNA Plasmid

CHRM3 cholinergic receptor, muscarinic 3 [*Homo sapiens*]

Also known as: HM3; EGBRS

Summary:

Muscarinic cholinergic receptors, including CHRM3, belong to the family of G protein-coupled receptors. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. CHRM3 controls smooth muscle contraction. Its stimulation causes secretion of glandular tissue. CHRM3 may play an important role in the pathogenesis of myopia.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0602 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat ggaagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tceggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taagccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgccagggt ttcccagtc acgacgtgtg aaaacgacgg ccagtgaatt
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501 ctctccctgg atacacagcc cctccgatgc agggctgccc ccgggaacog tcactattt cggcagctac aatgtttctc gagcagctgg caatttctcc
601 tctccagaog gtaccacoga tgaccctctg ggaggtcata cogtctggca agtggctctc atogctttct taacgggcat cctggccttg gtgaccatac
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4501 tcacgagccc ctttctgc

> RDC0602 Translated Insert Sequence

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201 apailfwqyf vgrkrtvppge cfqiqlsept itfgtaiaaf ympytilmitl ywriyketek rtkelaglaq sgtaetenf vhtgssrsc ssyelqqqsm
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