

Product datasheet for MC212490

Mchr1 (NM_145132) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mchr1 (NM_145132) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mchr1
Synonyms: AW049955; Gpr24; Mch1r
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC212490 representing NM_145132
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCTGCAAGCCTCGTTGCTGTCCACTGGCCCAATGCCAGCAACATCTCCGATGGCCAGGATAATT
 TCACATTGGCGGGGCCACCTCCTCGACAAGGAGTGTCTCCTACATCAACATCATCATGCCTTCAGTGTT
 TGGTACCATCTGTCTCCTGGGCATTGTGGGAACTCCACAGTCATTTTTGCCGTGGTGAAGAAATCCAAG
 CTGCACTGGTGCAGCAACGTCCCTGACATCTTCATCATCAACCTCTCTGTGGTGGATCTGCTTTCTCTGC
 TGGGCATGCCTTTCATGATCCACCAGCTCATGGGTAATGGTGTCTGGCACTTTGGGAAACCATGTGCAC
 CCTCATCACAGCCATGGACGCCAACAGTCAGTTCACCAGCACCTACATCCTGACTGCTATGGCCATTGAC
 CGCTACTTGCCACCGTCCATCCATCTCCTCCACCAAGTTCGGGAAGCCCTCCATGGCCACCCTGGTGA
 TCTGCCTCCTGTGGGCTCTCTCGTTCAATTAGCATCACTCCTGTGTGGCTCTATGCCAGGCTTATCCCTT
 CCCAGGGGGTGTGTGGGCTGTGGCATCCGCCTACCAACCAGATACTGATCTTTACTGGTTCACTCTG
 TATCAGTTTTTCTGGCCTTCGCCCTCCGTTTGTGGTCACTGCTGCGTACGTGAAAATACTACAGC
 GCATGACGTCTTCGGTGGCCCCAGCCTCAACGCAGCATCCGGCTTCGGACAAAGAGGGTGACCCGCAC
 AGCCATTGCCATCTGTCTGGTCTTCTTTGTGTGCTGGGCGCCCTACTACGTGCTGCAGCTGACCCAGTTG
 TCCATCAGCCGCCGACCCTCACATTCGTCTACCTGTACAATGCGGCTATCAGCTTGGGCTATGCCAACA
 GCTGCCTCAATCCCTTTGTGTACATAGTACTCTGTGAGACCTTTGAAAACGCTTGGTGTGTGCGGTGAA
 GCCCGCGGCCAGGGCAGCTTCGCACGGTCAGCAATGCTCAGACAGCTGACGAGGAGAGGACAGAAAGC
 AAAGGCACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3818_a05.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_145132
Insert Size:	1062 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_145132.2 , NP_660114.1
RefSeq Size:	2205 bp
RefSeq ORF:	1062 bp
Locus ID:	207911
UniProt ID:	Q8JZL2
Cytogenetics:	15 E1
Gene Summary:	Receptor for melanin-concentrating hormone, coupled to both G proteins that inhibit adenylyl cyclase and G proteins that activate phosphoinositide hydrolysis.[UniProtKB/Swiss-Prot Function]