

Product datasheet for MC208333

Crhr1 (NM_007762) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crhr1 (NM_007762) Mouse Untagged Clone
Tag: Tag Free
Symbol: Crhr1
Synonyms: CRF; CRF-R; CRF1R; CRFR1; Crhr
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208333 representing NM_007762
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGACAGCGCCCGAGCTCCGGCTCGTGAAGGCCCTTCTCCTTCTGGGGCTGAACCCGCTCCACCT
 CCCTCCAGGATCAGCAGTGTGAGAGCCTGTCCCTGGCCAGCAATGTCTTGGCCTGCAGTGAATGCCTC
 CGTGGACCTCATTGGCACCTGCTGGCCAGGAGCCCTGCAGGGCAGTTGGTGGTTCGGCCCTGCCCTGCC
 TTTTTCTACGGTGTCCGCTACAACACCACAACAATGGCTACCGGAATGCCTGGCCAACGGCAGCTGGG
 CAGCCCGTGTGAATTATTCTGAGTGCCAGGAGATTCTCAACGAAGAGAAGAAGAGCAAAGTGCACCTACCA
 CATTGCCGTCATCATCACTACCTGGGCCACTGCATCTCCCTGGTGGCCCTCCTGGTGGCCCTTGTCCCTC
 TTCTTGGGCTCAGGAGCATCCGGTGCCTGAGGAACATCATCCACTGGAACCTCATCTCGGCTTTCATCC
 TGCGCAACGCCACGTGGTTTGTGGTCCAGCTCACCGTGAGCCCGAGGTCCACCAGAGCAACGTGGCCTG
 GTGAGGCTGGTGACAGCCGCTACAACACTTCCACGTAACCAACTTCTTCTGGATGTTTCGGTGGGGC
 TGCTACCTGCACAGCCATCGTACTCACGTAACCAACTTCTTCTGGATGTTTCGGTGGGGC
 TCGGCTGGGGTGTGCCTTCCCCATCATTGTGGCTTGGCCATTGGGAACTTTACTACGACAATGAAA
 GTGCTGGTTTGGCAAACGTCCTGGAGTATATACTGACTACATCTACCAGGGCCCCATGATCCTGGTCCCTG
 CTGATCAACTTTATCTTCTTCAACATTGTCCGCATCCTCATGACCAAACTCCGAGCATCCACCACAT
 CTGAGACTATTACGTACAGGAAGGCTGTGAAGGCACTCTGGTGTCTTGGCCCTCCTGGGCATCACCTA
 CATGTTGTTCTTCTGCAACCCTGGGGAGGACGAGGTCTCCAGGGTGTCTTCTACTCAACTCTTTC
 CTGGAGTCTTTCAGGGCTTCTCGTGTCTGTGTTCTATTGTTTTCTGAACAGTGAGGTCCGCTCTGCCA
 TCCGGAAGAGGTGGCGCGATGGCAGGACAAGCACTCCATCAGAGCCCGAGTGGCCCGGCCATGTCCAT
 CCCCACCTCCCCACCAGAGTCAGCTTCCACAGCATCAAGCAGTCCACAGCAGT**TGA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja3132_e03.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_007762
Insert Size:	1248 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_007762.5 , NP_031788.1
RefSeq Size:	2428 bp
RefSeq ORF:	1248 bp
Locus ID:	12921
UniProt ID:	P35347
Cytogenetics:	11 67.77 cM
Gene Summary:	<p>The protein encoded by this gene is a G-protein coupled receptor that binds corticotropin-releasing factor (CRH) and urocortin (UCN) with high affinity. The encoded protein upregulates adenylate cyclase activity and intracellular cAMP levels. This protein is essential for the activation of signal transduction pathways that regulate diverse physiological processes including stress, reproduction, immune response, and obesity. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>