

Product datasheet for **RN211635**

Mc5r (NM_013182) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mc5r (NM_013182) Rat Untagged Clone
Tag: Tag Free
Symbol: Mc5r
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN211635 representing NM_013182
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCTCTCGTCTCACCTGACTTTATTGGATCTTACCCTGAACGCCTCGGAGGACAACATCCTAGGAC
AAAATGTCAATAACAAGTCTCCGCCTGCGAAGACATGGGCATTGCCGTGGAGGTGTTCCCTAACTCTGGG
TCTCGTCAGCCTCTTGGAGAACATCCTGGTCATCGGGCCATAGTGAAAAACAAGAACCTGCACTCACCT
ATGTACTTCTTTGTGGGAGCCTAGCGGTGGCCGACATGCTGGTGAGCATGTCCAACGCCTGGGAGACCA
TCACCATATACTTGATAAATAACAAACACGTGGTGATAGCAGACACCTTTGTGCGCCACATCGACAACGT
GTTTCGACTCCATGATCTGCATTTCTGTGGTGGCCTCCATGTGCAGCCTGTTGGCCATTGCGGTGGACAGG
TACATCACCATCTTCTACGCCCTGCGCTACCACCACATCATGACGGCCAGGCGCTCGGGGTGATTATCG
CCTGCATCTGGACCTTTTGCATAAGCTGCGGTATCGTCTTCATCATTTACTACGAATCCAAGTACGTGAT
CGTCTGCCTCATCTCCATGTTCTTACCATGCTGTTCTTCATGGTGTCTCTATATACACATGTTCCCTC
CTGGCCCGGAACCATGTCAAGCGGATAGCGGCTTCCCCAGATACAACCTGTGAGGCAAAGGGCCAGCA
TGAAGGGTGCTATCACCTCACCATGCTGCTGGGATTTTCATTGTCTGCTGGTCCCCCTTCTTCTTCA
CCTTATCCTAATGATCTCGTCCCTCAGAACGTCTATTGCGCTTGCTTTATGTCTTACTTTAACATGTAC
CTTATACTGATCATGTGCAATTCGTGATCGATCCCCTCATCTACGCCCTCCGACGCAAGAGATCGGGA
GGACCTTAAGGAGATCATCTGTTGTCATGGGTTCAAGCGAACTGTACGCTCCTTGGCAGGTAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_013182
Insert Size: 978 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_013182.2 , NP_037314.1
RefSeq Size:	1034 bp
RefSeq ORF:	978 bp
Locus ID:	25726
UniProt ID:	P35345
Cytogenetics:	18q12.1
Gene Summary:	G-protein coupled receptor for Adrenocorticotrophic hormone (ACTH) and melanocortin peptides (alpha, beta and gamma MSH) [RGD, Feb 2006]