

Product datasheet for **RN206824**

Mc3r (NM_001025270) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mc3r (NM_001025270) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mc3r
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206824 representing NM_001025270 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAACTTTCCTGCTGCCGTCCTCTTATCCGACGCTGCCTAACCTCTCCCAGCACCCCTGCAGCCC
CCTCTGCCAGCAACCGGAGTGGCAGTGGGTTCTGCGAGCAGGTTTTTCATCAAGCCAGAGGTCTTCTGCG
ACTGGGCATCGTCAGTCTGATGGAAAACATCCTGGTGATCTGGCTGTGGTGAGGAACGGCAACCTGCAC
TCCCCATGTACTTCTTCTGTGCAGCCTGGCTGCGGCCGACATGCTGGTGAGCCTGTCCAACCTCCCTGG
AGACCATCATGATCGTGGTTATCAACAGCGACTCCCTGACCTTGAGGACCAATTCATCCAGCACATGGA
CAACATCTTCGACTCTATGATCTGCATCTCCCTGGTGGCCTCCATCTGCAACCTCCTGGCCATCGCCGTG
GACAGGTACGTCACCATCTTCTATGCCCTCCGTTACCACAGCATCATGACGGTTAGGAAAGCCCTCTCCT
TGATCGTGGCCATCTGGGTCTGCTGCGGCATCTGCGGCGTGATGTTTCATCGTCTACTCCGAGAGCAAGAT
GGTCATCGTGTGCCTCATCACCATGTTCTTCGCCATGGTGTCTGCTCATGGGCACCCTGTACATCCACATG
TTCTCTTCGCCAGGCTGCACGTCCAGCGCATCGCGGCACTGCCACCTGCTGATGGGGTAGCCCCGACG
AGCACTCGTGATGAAGGGGGCCGTACCATCACCATCCTGCTGGGGTTTTTCATCTTCTGCTGGGGCC
TTTCTTCTCCACTGGTCTCATCATCCTGCCACCAACCCCTACTGCATCTGCTACACGGCGCAC
TTCAACACCTACCTGTTCTCATCATGTGCAACTCTGTATCGACCCCTTATCTACGCCTTCCGACGCC
TGGAGCTGCGGAACACCTTCAAGGAGATTCTCTGCGGTTGCAATGGCATGAACGTGGGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001025270
Insert Size:	972 bp



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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:	<u>NM_001025270.3</u> , <u>NP_001020441.3</u>
RefSeq Size:	1099 bp
RefSeq ORF:	972 bp
Locus ID:	29310
UniProt ID:	<u>P32244</u>
Cytogenetics:	3q42
Gene Summary:	receptor for corticotropin (ACTH) and melanotropin (MSH) [RGD, Feb 2006]