

Product datasheet for RN216136

Grxcr2 (NM_001191078) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Grxcr2 (NM_001191078) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Grxcr2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216136 representing NM_001191078 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAACTCCGAGAAGAACTGAATCAGAAGAGCGACGACAAACCCAGAAAAGTACGGTTTAAATCT
CCTCTTCTACAGTGGCCGAGTGTGAAGCAGGTTTTTGAGGACGGGCAAGAATTAGAATCACCCAAAGA
AGAATATCCTCACAGTTTTCTCCAGGAGGCCCTTGAGCCAATGGATGGTGTCTATGGGTCCGGGGAAGTC
CCAAGCCCAGCTGTACTCCCCAAGCTGACTGCTCAGAGAATCAGCGTGTTCAGAGACAGCAGCGCT
CACTCTGGCCGGCAGCCAGCCCTGTCAACGACTATAAGGCGAATGACCATAAGCCTCCGCCAATTAT
AGACTTTGGGAAGATAATCATCTACACCAACAACCTGAAAATCATCCGAACTCCGATGGACAAAAGGGAC
TTCATGAGGAAAATCCTCCAAAAGGAAGAGGTGGCTGAAGAAGAGTCTCTGATGATCACAGGGGAAAATG
ATGGAGACAGGGAGCAGAACAGCAGCCCTGCCGGAGACAGACCGCACATTTCTCCACAGTCAGCACAC
ACAGGATGGGTTGGTCCCTGAGGATAACTGTCTCCACTGCCAGGGGTCCGGCATTGCCACCTGTTCTCTG
TGCCACGGCAGCAAGTTCTCAATGCTGGCTAACAGATTCAAGGAGTCTATCGGGCCCTCCGGTGCCTG
CCTGCAACGAGAACGGCCTGCAACCTTGCCGAATTTGCAGCCCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001191078
Insert Size:	747 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191078.1, NP_001178007.1</u>
RefSeq Size:	1166 bp
RefSeq ORF:	747 bp
Locus ID:	681048
Cytogenetics:	18p11