

Product datasheet for **MC214610**

Grxcr2 (NM_001033426) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Grxcr2 (NM_001033426) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Grxcr2
Synonyms:	Gm851
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC214610 representing NM_001033426 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGGACTCCGAGAAGAACTGAATCAGAAGAGCGACGACAAACCCAGAAAAGTCCGGTTTAAAATCT
CCTCTTCTACAGTGGCCGAGTGTGAAGCAGGTTTTTGAGGATGGCAAGAATTAGAGTCGCCAAAGA
AGAATATCCTCACAGTTTCTCCAGGAGGCCCTTGAACCAATGGATGGCGTTTATGGGTCTGGGGAAGTC
CCCAAGCCCCAGCCGTAATCCCAAGCTGACTGCTCAGAGAATCAGCGTATTCAGAGACAGCGGCCCT
ACACTCTGGCGGGCAGCCAGCCTCTGTTCAATGACTACAAGGCGAATGACCATAAGCCTCCACCCATTAT
AGACTTTGGGAAGATAATTATCTATACCAACAACCTGAAAATCATCCGAACCCCGATGGACAAAAGGGAC
TTCATGAGGAAAATCCTCCAAAAGGAAGATGTGGCTGAGGAAGCGTCCCTGATGATCACAGGGGAGAATG
ATGGAGACAGGGAGCAAGGCTGCCCCCTGCCGGAGCGGAACGGCAGCCCCCTGCCGGAGTCGGAGCGCAC
ATTTCTTCATAGTCAGCACACAGGATGGGTTGGTCCCTGAGGACTGCCTCCACTGCCAGGGGTCTGGC
ATTGCCACCTGTTCTGTGCCACGGCAGCAAGTCTCCATGCTGGCTAACAGATTCAAGGAGTCTTACC
GAGCCCTCAGGTGCCCTGCCTGCAACGAGAATGGCCTGCAACCTTGCCGAATTTGCAGCCCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001033426
Insert Size:	765 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_001033426.3</u> , <u>NP_001028598.1</u>
RefSeq Size:	1998 bp
RefSeq ORF:	765 bp
Locus ID:	332309
UniProt ID:	<u>Q3TYR5</u>
Cytogenetics:	18 B3
Gene Summary:	Could play a role in maintaining cochlear stereocilia bundles that are involved in sound detection.[UniProtKB/Swiss-Prot Function]