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Product datasheet for MC213136

Rxfp4 (NM_181817) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rxfp4 (NM_181817) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rxfp4
Synonyms:	GPCR142; Gpr100; Rln3r2; SALPR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213136 representing NM_181817 Red=Cloning site Blue=ORF TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCACATCCAATTCTTCTGCCTCTCTGCCCACCCTCTTCTGGGTCAATGGCTCTGGAGACAGCGTGC TGAGCACTGACGGTGCTGCCATGCCTGTCCAGTTCCTTGTTCTGAGGATCATGGTTGCACTGGCCTATGG ACTTGTAGGTATCATTGGCTTGCTGGGAAATTTGGCCGTACTGTGGGTTCTAGGTAACTGTGGTCAGCGT GTGCCCGGCCTGTCTTCTGATACCTTTGTCTTCAGCCTGGCTCTAGCAGACTTGGGGCTGGCCCTTACTC TCCCTTTCTGGGCAACCGAGTCAGCAATGGACTTCCACTGGCCTTTCGGAAGTGCCCTCTGCAAGGTAGT CCTGACCACCACCGTCCTCAGCATCTATGCCAGCACCTTCCTAATCACAGCACTGAGTATCGCGCGATAC TGGGTGGTAGCCATGGCTGTGGGACCAGGTAGTCACCTCTCAGTCTTTTGGGCCCGTGTGGTCACCCTGG CAGTGTGGGTGGCAGCTGCCCTGGTGACTGTGCCCACAGCAATCTTTGGGGCTGAAGTTGAGTTGTGGGG CGTGTGCCTCTGTCTTCTGCGTTTCCCCAGCAGATACTGGCTGGGAGCTTACCAGCTACAGAGGGTAGTT CTGGCCTTCATCGTGCCCTTGGGAGTCATTACCACCAGTTACCTGCTGCTGTTGGCCTTTCTAGAGCGGC AGCAAAGATGCAGGCCACGACAATGGCAGGACAGCCGAGTGGTAGCCCGCTCTGTCCGTGTCCTGGTGGC TTCCTTCGCCCTCTGCTGGGTTCCCAACCATGTAGTCACTCTCTGGGAAATTCTGGTAAGGTTTGACCTG GTGCCCTGGGACAGTACTTTCTACACCTTTCATACTTACATCCTTCCCATCACCACCTGCTTGGCCCACA GCAACAGCTGCCTCAACCCTGTGATCTATTGTCTCCTGCGGCGGGAGCCCCAGCAGGTTCTTGTCAGCTC CTTCAGAGCTCTCTGGTCAAGACTGTGGCCTCAAAGGAAGGCCTGCATGGAACAAATGGCCCTCAAGGAG GTAGGCGGGAGAACGGTAGCCAGCACCCAGGAGAGTGGCTCTTCTAGGACACACACAAACACAATGGAAC ACCTGGATGAAGGATGCAGCCTGAACACTCTCCTTTCTGAGACCTATCAGGGGCAGAGCCCACAGATTCT AGGGAGGAGCAGCTGCTCTCTCAGTCAGGCTGCTGTGTCCCCAGGAGAAGTCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA

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Restriction Sites:	SgfI-MluI
ACCN:	NM_181817
Insert Size:	1245 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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:	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_181817.1, NP_861538.1
RefSeq Size:	1245 bp
RefSeq ORF:	1245 bp
Locus ID:	242093
UniProt ID:	Q7TQP4
Cytogenetics:	3 F1
Gene Summary:	High affinity receptor for INSL5. Also acts as receptor for RLN3/relaxin-3, as well as bradykinin and kallidin. Binding of the ligand inhibit cAMP accumulation (By similarity).[UniProtKB/Swiss-Prot Function]