

Product datasheet for **MC208094**

Gpr88 (NM_022427) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr88 (NM_022427) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gpr88
Synonyms: AW061286; Strg
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208094 representing NM_022427
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACCAACTCCTCCTCCACTTCGACCTCCACCACTACCGGGGATCGCTGCTGCTCTGCGAGGAAG
AGAATCGTGGGCGGGCCGGCGGATCCCGGTGTCTCCTGTACTCGGGCTGGCCATCGGGGCGCAGCT
GGCCAACGGTATGGTCATCTATCTCGTGTCTGCTCCTCCGAAAGCTGCAGACCACCAGCAACGCCTTCATC
GTGAATGGCTGCGCCCGGATCTCAGCGTCTGCGCCCTCTGGATGCCACAGGAGGCGGTGCTGGGGCTCC
TGCCCTCGGGCTCCGCGGAGCCCCGGGGACTGGGACGGTGGCGGAGGAGCTACCGCCTGCTCCGGGG
CGGGTTGTTGGGCTCGGGCTCACTGTGTCCCTTCTGTCCATTGCCTCGTGGCGCTGAACCGCTACCTG
CTCATCACCAGGGCGCCTGCCACCTACCAGGTGCTCTACCAACGGCGCCACACGGTGGGCATGCTGGCAC
TGTCTGGGCGCTCGCCTTGGGTCTGGTGTCTGCTCCCGCCTGGGCTCCTAAGCCCGGAGCCGAGCC
ACCGCAAGTCCACTACCCCGCCTCCTGGCGCGGGAGCGCTGCTTGGCAGACGGCGCTGCTGTTGCAC
TGCTACCTGGGCATCGTGC CGCGTGC CGTCAAGCGGGTCAAGCGTCAACTCCACTGCG
TGACCAAGTACCCGGTGC CGCGCGCGCGCCCGCCTTCCCGCGCCCGCACGCGCGGGTCCGGG
AGGCGCCGCGCATCCCGCGCAGCCTCAACCCCTGCCGGCGCTCTGCAGCCTCGCCGGGCGCAGCGCGCT
CTCAGCGGCTTGTGCGTGTCTGCTCTGCTGCGTCTTCTGCTGGCCACGCAGCCGCTGGTGTGGTGA
GCCTGGCCAGTGGCTTCTCCCTCCCGGTGCCCTGGGGCGTGCAGGCGGCCAGCTGGCTCCTGTGCTGCGC
CCTGTGCGCGCTCAACCCGCTGCTCTACACGTGGAGGAACGAGGAGTTCCGCAGATCCGTGCGATGTGC
CTGCCGGCGTGGGGACGCGGCTGCGCCCGCGCGGCCGCCACCGCGGTGCCAGCCATGTCCAGGCGC
AACTGGGTACCCGGGCGGCTGGCCAGCACTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_022427
Insert Size:	1155 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:	<u>NM_022427.2</u> , <u>NP_071872.1</u>
RefSeq Size:	3450 bp
RefSeq ORF:	1155 bp
Locus ID:	64378
UniProt ID:	<u>Q9EPB7</u>
Cytogenetics:	3 G1
Gene Summary:	Probable G-protein coupled receptor implicated in a large repertoire of behavioral responses that engage motor activities, spatial learning, and emotional processing. May play a role in the regulation of cognitive and motor function.[UniProtKB/Swiss-Prot Function]