

Product datasheet for RN213763

Gpr27 (NM_023099) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr27 (NM_023099) Rat Untagged Clone
Tag: Tag Free
Symbol: Gpr27
Synonyms: Sreb1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213763 representing NM_023099
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCGAACGCTAGTGAGCCGGGCGGGCGGGCGGGCGGGCGGAGGCTGCCGCGCTGGCCCTCAGGCTGG
CCACACTCAGCCTGCTGTGTGCGTGAGCCTGGCGGGCAACGTGTGTTTCGCTCTGCTCATCGTGAGGGA
GCGCAGCCTGCACCGCGCCTTACTACCTGCTGCTCGACCTGTGCTGGCCGACGGGCTGCGCGCGCTC
GCCTGTCTCCCGCCGTCATGCTGGCTGCGCGGGCGCGCGCAGCCGCGGGGGACGCCTCCGGGTGCGC
TGGGCTGCAAGCTGCTGGCCTTCTGGCCGCGCTCTTCTGCTTCCACGCGGCCTTCTGCTGCTGGCGCT
GGGCGTACCCGCTACCTGGCCATCGCTACCACCGCTTCTATGCCGAGCGCCTGGCCGGCTGGCCGCTGC
GCCGCGATGCTGGTGTGCGCCGCTGGGCGCTGGCTTTGGCCGCGGCCTTCCCGCCGGTGTGGACGGCG
GTGGCGCGGACGACGAGGATGCGCCGTGCGCCCTGGAGCAGCGGCCGACGGCGCCCCGGGTGCGCTAGG
CTTCTGCTGCTCCTGGCCGCGGTGGTGGGCGCCACGCACCTCGTCTACCTTCGCTGCTTCTTTCATC
CACGACCGCCGAAGATGCGGCCCGCACGCCTGGTGCCCGCCTCAGCCACGACTGGACCTCCACGGCC
CGGGCGCCACCGGTCAAGCGGCCGCAACTGGACGGCGGGCTTCGGCCGCGGGGCCACGCACCTGCGCT
CGTGGGCATCAGGCCTGCAGGCCCGGGCCGCGGAGCCCGGCCTCCTGCTGCTGGAGGAATTCAAGACG
GAGAAGAGGCTGTGCAAGATGTTCTACGCCATCAGCTGCTTCTCCTGCTCCTTGGGGGCCCTATGTGG
TTGCCAGTTACCTGCGCGTCTGGTGGCGCCGGAGCTGTCCCGCAGGCCTACCTGACAGCCTCGGTGTG
GCTGACATTGCGACAGGCCGGCATCAACCCCGTGGTGTGTTTCTTCAACCGGGAGCTGAGGGACTGT
TTCAGAGCCAGTTCCCTGTTGCCAGAGCCCCAGGCCACGCAGGCCACCCTCCCTGCGACCTGAAAG
GCATTGTTTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_023099
Insert Size:	1134 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_023099.1</u> , <u>NP_075587.1</u>
RefSeq Size:	1134 bp
RefSeq ORF:	1134 bp
Locus ID:	65275
UniProt ID:	<u>Q9JH3</u>
Cytogenetics:	4q34
Gene Summary:	member of a subfamily of G-protein coupled receptors that is highly conserved among vertebrates; may play a role in the nervous system [RGD, Feb 2006]