

## Product datasheet for **MR208752**

### **Gpr107 (NM\_178760) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpr107 (NM_178760) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gpr107
Synonyms:	9930033D15Rik; AI790205; C530034M11; mKIAA1624
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR208752 representing NM\_178760  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGTCCCGGTACCCCTCGGCCGCTTCGGCTCCTTCTGCCTGCGGCTGCTACGACTGCTGGCGTTGC  
 TGGAGCTGCTGGTCCACCCCGTCTTGGCCGCGTCCATCACCTGGCGCTCAAAGATGATGTGCGGCATAA  
 AGTCCATCTCAACACCTTCGGTCTTCAAGGATGGGTACATGGTGGTCAACGTCAGCAGCCTCTCTGTG  
 AACGAGCCTGAGGGAGCCACGGACAAGGATGCTGAGATCGGATTCAGTCTGGATCGGACTAAGAACGATG  
 GCTTTTCTTCTACCTGGATGAAGATGTGAATTACTGTATTTAAAAAAGAAGTCCATGTCTTCTGTAC  
 TCTTGTACATCTTAGACATCTCTGGAAGCATAGTCAAGGTCAGATCCCCACCAGAAGCTGGTAAGCAGTTA  
 CCAGAGATTGTCTTCAGCAAGGATGAGAAAATCCTGAGTCAGAGCCAGGAGCCTGCTGTCAGCTCCAACC  
 CCAAAGACAGTGAGGCTCGGAGAACCCTCGATGGTTTCAAGGCTGGACGAAGTACAGTGGACTCAAAGGC  
 TATCACAGAGCGATCCTTCTCAATTCACAAGAATGACGGGGTGGTCTCATTTCAGTCTTCTTTAACATC  
 AGCACCGATGACCAGGAAGGCCTCTACAGCCTTACTTCCACAAGTGCTCAGGCAACAACGTGAAGCCTG  
 GTGAACAGGCCTCATTACGCCTGAATATTGCTATCACAGAGAAGAACCCTAACAGCTACCTCTGCCGG  
 GGAAATCCCTCTCCCAAGTTATATGTTTCCATGGCCTTGTCTTCTTCTGTCTGGGACCATTGGATT  
 CACATCCTTCGTAAGAGAAGGAATGATGTATTTAAAATCACTGGTTGATGGCCGCCCTTCTTTTACCA  
 AGTCTCTCTCGTTGGTGTTCATGCAATCGACTACCACTACATCTCCTCGAGGGCTTCCGATTGAAGG  
 CTGGGCTGTTGTATACTACATAACTCACCTGCTAAAGGGCGCACTCCTGTTATCACCATCGCCCTCATC  
 GGCATCGGCTGGCCCTCATCAAGCACATCCTGTCTGATAAAGACAAGAAGATCTTCATGATTGTATCC  
 CGCTCCAGGCTCGGCAATGTGGCCTACATCATAGAGTCCACTGAGGAGGGCACAACACTGAGTATGG  
 CCTATGGAAGGACTCTCTGTTCCCTGGTTGACTTGCCTTGTCTGTGGCGCCATCCTCTTCCAGTGGTGTGG  
 TCAATCAGGCATTTACAAGAAGCCTCCGCCACAGATGGAAGAAGCTGCCATTAACCTAGCGAAGCTGAGGC  
 TTTTCAGACATTACTACGCTTGTATTGTGTGCTACATCTACTTTACCAGGATCATCGCCTTCTTCTCAA  
 GTTTGCTGTTCCATTCCAGTGGAAAGTGGCTCTACCAGCTGCTGGATGAAACAGCCACGCTGGTGTCTTT  
 GTCCTGACGGGTATAAATTTGCCCAGCTTCAAGATAACCCCTACCTGCAGCTCTCTCAGGAAGATGATG  
 ACCTGGAGATGGAGTCCGTAGTGACGACATCGGGTGTGATGGAGAATATGAAGAAGGTGAAGAAAGTGAG  
 CAACGGTCTGTGGAGCCCCAGGCAGCTGGGAAGGCACCGCG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208752 representing NM\_178760  
 Red=Cloning site Green=Tags(s)

MAVPVPLGRFGSFCLRLLRLLALLELLVHPVLGRVHHLALKDDVRHKVHLNTFGFFKDGVMVNVSSLV  
 NEPEGATDKDAEIGFSLDRTKNDGFSSYLDEDVNYCILKKSMSVTLVILDISGSIVKVRSPPEAGKQL  
 PEIVFSKDEKILSQSQEPAVSSNPKDSEARRTLDFGKAGRSTVDSKAITERSFSIHKNDGVVVFQFFNI  
 STDDQEGLYSLYFHKCSGNVVKPGEQASFSLNIAITEKNPNSYLSAGEIPLPKLYVSMALFFFLSGTIWI  
 HILRKRNRNDFKIHWMALPFTKSLSLVFHAIDYHYISSQGFPIEGWAVVYIITHLLKGALLFITIALI  
 GTGWAFIKHILSDKDKKIFMIVIPLQVLANVAYIIIESTEEGTTEYGLWKDSLFLVDLLCCGAILFPVW  
 SIRHLQEASATDGKAAINLAKLRLFRHYVVLIVCYIYFTRIIAFLLLKFAVFPQWKLYQLLDETATLVFF  
 VLTGYKFRPASDNPYLQLSQEDDDLEMESVVTTSVGMENMKVKVKSNGAVEPQGSWEGTA

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9015\\_d11.zip](https://cdn.origene.com/chromatograms/mm9015_d11.zip)

**Restriction Sites:**

Sgfl-MluI

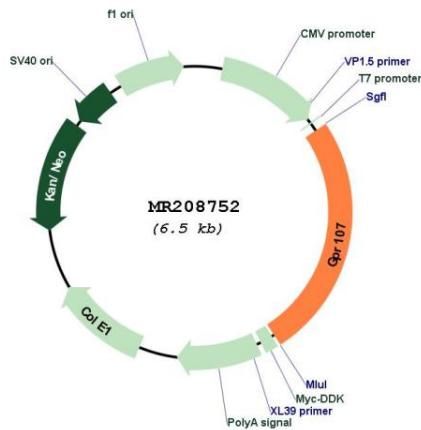


**Cytogenetics:** 2 B

**MW:** 62.5 kDa

**Gene Summary:** Has been proposed to act as a receptor for neuronostatin, a peptide derived from the somatostatin/SST precursor (By similarity). Involved in blood sugar regulation through the induction of glucagon in response to low glucose (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR208752