

## Product datasheet for **SC127697**

### **GPR107 (NM\_020960) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	GPR107 (NM_020960) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR107
Synonyms:	bA138E2.2; GCDRP; LUSTR1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_020960, the custom clone sequence may differ by one or more nucleotides

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ATGGCCGCTCTGGCGCCCGTCGGCTCCCCGCCTCCCGCGGTCTAGGCTGGCCGCGGGCCTCCGGCTGC
TCCCAATGCTGGGTTTGCTGCAGTTGCTGGCCGAGCCTGGCCTGGGCCGCGTCCATCACCTGGCACTCAA
GGATGATGTGAGGCATAAAGTTCATCTGAACACCTTTGGCTTCTCAAGGATGGGTACATGGTGGTGAAT
GTCAGTAGCCTCTCACTGAATGAGCCTGAAGACAAGGATGTGACTATTGGATTTAGCCTAGACCGTACAA
AGAATGATGGCTTTTCTTCTTACCTGGATGAAGATGTGAATTACTGTATTTAAAGAAACAGTCTGTCTC
TGTCAACCTTTTAACTCTAGACATCTCCAGAAGTGAGGTAAGAGTAAAGTCTCCACCAGAAGCTGGTACC
CAGTTACCAAAGATCATCTTCAGCAGGGATGAGAAAGTCTTGGTCAGAGCCAGGAGCCTAATGTTAACC
CTGCTTCAGCAGGCAACCAGACCAGAAGACACAAGATGGTGGAAAGTCTAAAAGAAGTACAGTGGATTC
AAAGGCCATGGGAGAGAAATCCTTTTCTGTTCAATAATGGTGGGCGAGTGCATTTTCAGTTTTTCTTT
AACATCAGCACTGATGACCAAGAAGGCCTTTACAGTCTTTATTTTCATAAATGCCTTGGAAAAGAATTGC
CAAGTGACAAGTTTACATTCAGCCTTGATATTGAGATCACAGAGAAGAATCCTGACAGCTACCTCTCAGC
AGGAGAAAATCCTCTCCCAAATTATACATCTCAATGGCCTTTTTCTTCTTTCTTTCTGGGACCATCTGG
ATTCATATCCTTCGAAAACGACGGAATGATGTATTTAAAAATCCACTGGCTGATGGCGGCCCTTCCTTTCA
CCAAGTCTCTTTCTTGGTGTCCATGCAATTGACTACCACTACATCTCCTCCAGGGCTTCCCTATCGA
AGGCTGGGCTGTGTGTACTACATAACTCACCTTTTGAAGGGGCGCTACTCTTCATCACCATTGCACTC
ATTGGCACTGGCTGGGCTTTTCAATAAGCACATCCTTTCTGATAAAGACAAAAAGATCTTCATGATTGTCA
TTCCACTCCAGGTCCTGGCAAATGTAGCCTACATCATAGAGTCCACCGAGGAGGGCAGCACTGAATA
TGGCTTGTGGAAGGACTCTCTATTTCTGGTCGACCTGTTGTGTTGTGGTCCATCCTCTTCCAGTGGTG
TGGTCAATCAGACATTTACAAGAAGCATCAGCAACAGATGGAAAAGCTGCTATTAAGTAAAGCTGA
AACTTTTCAGACATTATTACGTCTTGATTGTGTACATATACTTCACTAGGATCATTGCATTTCTCCT
CAAACCTGCTGTTCCATTCCAGTGGAAAGTGCTCTACCAGCTCCTGGATGAAACGCCCACACTGGTCTTC
TTTGTCTAACGGGGTATAAAATCCGTCGGCTTCAGATAAACCCTACCTACAACCTTTCTCAGGAAGAAG
AAGACTTGGAAATGGAGTCCGTTGTGACAACATCTGGGGTATGGAAAAGTATGAAGAAAAGTCAAGAAGGT
GACCAACGGCTCCGTGGAGCCCCAGGGCGAGTGGGAAGGCGCCGTGTGA
    
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**Restriction Sites:** Please inquire

**ACCN:** NM\_020960

**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:**

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\\_020960.2](#), [NP\\_066011.2](#)

RefSeq Size:	2686 bp
RefSeq ORF:	1659 bp
Locus ID:	57720
UniProt ID:	<a href="#">Q5VW38</a>
Cytogenetics:	9q34.11
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>Has been proposed to act as a receptor for neuronostatin, a peptide derived from the somatostatin/SST precursor (PubMed:22933024). Involved in blood sugar regulation through the induction of glucagon in response to low glucose (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks two alternate in-frame exons in the 3' coding region, compared to variant 1. It encodes isoform 3, which is shorter than isoform 1.</p>