

**GPR107 Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP20201b

**Specification**

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**GPR107 Blocking Peptide (C-term) - Product Information**

Primary Accession

[O5VW38](#)

Other Accession

[NP\\_001130029.1](#)**GPR107 Blocking Peptide (C-term) - Additional Information****Gene ID** 57720**Other Names**

Protein GPR107, Lung seven transmembrane receptor 1, GPR107, KIAA1624, LUSTR1

**Target/Specificity**

The synthetic peptide sequence is selected from aa 434-445 of HUMAN GPR107

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**GPR107 Blocking Peptide (C-term) - Protein Information****Name** GPR107**Synonyms** KIAA1624, LUSTR1**Function**

Has been proposed to act as a receptor for neuronostatin, a peptide derived from the somatostatin/SST precursor (PubMed:&lt;a href="http://www.uniprot.org/citations/22933024" target="\_blank"&gt;22933024&lt;/a&gt;). Involved in blood sugar regulation through the induction of glucagon in response to low glucose (By similarity).

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:D3ZWZ9}; Multi-pass membrane protein. Golgi apparatus, trans-Golgi network membrane

**GPR107 Blocking Peptide (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **GPR107 Blocking Peptide (C-term) - Images**

#### **GPR107 Blocking Peptide (C-term) - Background**

GPR107 is a G-protein coupled receptor which contains a carboxy-terminal seven transmembrane domain (LUSTR domain) similar to GPCRs. Three named isoforms exist.

#### **GPR107 Blocking Peptide (C-term) - References**

Edgar, A.J. DNA Seq. 18(3):235-241(2007)

Humphray, S.J., et al. Nature 429(6990):369-374(2004)