

GPR107 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20201b

Specification

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:22933024). 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)