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PCSK1 Blocking Peptide (N-Term)

Synthetic peptide
Catalog # BP22127a

Specification

PCSK1 Blocking Peptide (N-Term) - Product Information

Primary Accession	P29120
Other Accession	P28840

PCSK1 Blocking Peptide (N-Term) - Additional Information

Gene ID 5122

Other Names
Neuroendocrine convertase 1, NEC 1, 3.4.21.93, Prohormone convertase 1, Proprotein convertase 1, PC1, PCSK1, NEC1

Target/Specificity
The synthetic peptide sequence is selected from aa 195-207 of HUMAN PCSK1

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.

PCSK1 Blocking Peptide (N-Term) - Protein Information

Name PCSK1

Synonyms NEC1

Function
Involved in the processing of hormone and other protein precursors at sites comprised

PCSK1 Blocking Peptide (N-Term) - Background

Involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues. Substrates include POMC, renin, enkephalin, dynorphin, somatostatin and insulin.

PCSK1 Blocking Peptide (N-Term) - References

Creemers J.W.M.,et al.FEBS Lett. 300:82-88(1992).
Seidah N.G.,et al.DNA Cell Biol. 11:283-289(1992).
Ohagi S.,et al.Diabetes 45:897-901(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Schmutz J.,et al.Nature 431:268-274(2004).

of pairs of basic amino acid residues. Substrates include POMC, renin, enkephalin, dynorphin, somatostatin, insulin and AGRP.

Cellular Location
Cytoplasmic vesicle, secretory vesicle. Note=Localized in the secretion granules

PCSK1 Blocking Peptide (N-Term) - Protocols

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

- Blocking Peptides