

PCSK1 Blocking Peptide (C-Term)

Synthetic peptide

Catalog # BP22139b

Specification**PCSK1 Blocking Peptide (C-Term) - Product Information**Primary Accession [P29120](#)**PCSK1 Blocking Peptide (C-Term) - Additional Information**

Gene ID 5122

Other NamesNeuroendocrine 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 702-715 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 (C-Term) - Protein Information**

Name PCSK1

Synonyms NEC1

FunctionInvolved in the processing of hormone and
other protein precursors at sites comprised
of pairs of basic amino acid residues.**PCSK1 Blocking Peptide (C-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 (C-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).

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 (C-Term) -
Protocols**

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

- [Blocking Peptides](#)