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PRSSL1 Blocking Peptide(C-term)

Synthetic peptide
Catalog # BP19873b

Specification

PRSSL1 Blocking Peptide(C-term) - Product Information

Primary Accession	Q6UWY2
Other Accession	Q6IE59, Q14B24, NP_999875.1

PRSSL1 Blocking Peptide(C-term) - Additional Information

Gene ID 400668

Other Names
Serine protease 57, 3421-, Serine protease 1-like protein 1, PRSS57, PRSSL1

Target/Specificity
The synthetic peptide sequence is selected from aa 240-254 of HUMAN PRSS57

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.

PRSSL1 Blocking Peptide(C-term) - Protein Information

Name PRSS57

Synonyms PRSSL1

Function
Serine protease that cleaves preferentially after Arg residues (PubMed:22474388, PubMed:23904161, PubMed:25156428). Can also cleave after citrulline (deimidated arginine) and methylarginine residues (PubMed:25156428).

Cellular Location
Cytoplasmic granule lumen. Secreted. Note=Stored in cytoplasmic granules and secreted as active enzyme in response to stimulation of neutrophils.

Tissue Location

Detected in peripheral blood neutrophil granulocytes, but not in other types of leukocytes. Detected in neutrophils and neutrophil precursors in bone marrow (at protein level) (PubMed:22474388, PubMed:23904161). Detected in myeloblasts and promyelocytes in bone marrow (PubMed:23904161)

PRSSL1 Blocking Peptide(C-term) - Protocols

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

- Blocking Peptides

PRSSL1 Blocking Peptide(C-term) - Images

PRSSL1 Blocking Peptide(C-term) - Background

The function of this protein is unknown.

PRSSL1 Blocking Peptide(C-term) - References

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)
Polikoff, D., et al. Cytogenet. Cell Genet. 79 (1-2), 147-148 (1997) :