

NOTCH4 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP21426b**Specification**

NOTCH4 Blocking Peptide (C-term) - Product InformationPrimary Accession [Q99466](#)**NOTCH4 Blocking Peptide (C-term) - Additional Information****Gene ID** 4855**Other Names**

Neurogenic locus notch homolog protein 4, Notch 4, hNotch4, Notch 4 extracellular truncation, Notch 4 intracellular domain, NOTCH4, INT3

Target/Specificity

The synthetic peptide sequence is selected from aa 1819-1831 of HUMAN NOTCH4

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.

NOTCH4 Blocking Peptide (C-term) - Protein Information**Name** NOTCH4 ([HGNC:7884](#))**Synonyms** INT3**Function**

Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and apoptotic programs. May regulate branching morphogenesis in the developing vascular system (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Highly expressed in the heart, moderately in the lung and placenta and at low levels in the liver,

skeletal muscle, kidney, pancreas, spleen, lymph node, thymus, bone marrow and fetal liver. No expression was seen in adult brain or peripheral blood leukocytes

NOTCH4 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

NOTCH4 Blocking Peptide (C-term) - Images

NOTCH4 Blocking Peptide (C-term) - Background

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NOTCH4 Blocking Peptide (C-term) - References

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Gray G.E.,et al.Am. J. Pathol. 154:785-794(1999).