

PTK7 Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP21298a**Specification**

PTK7 Blocking Peptide (N-Term) - Product InformationPrimary Accession [Q13308](#)**PTK7 Blocking Peptide (N-Term) - Additional Information****Gene ID** 5754**Other Names**

Inactive tyrosine-protein kinase 7, Colon carcinoma kinase 4, CCK-4, Protein-tyrosine kinase 7, Pseudo tyrosine kinase receptor 7, Tyrosine-protein kinase-like 7, PTK7, CCK4

Target/Specificity

The synthetic peptide sequence is selected from aa 331-343 of HUMAN PTK7

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.

PTK7 Blocking Peptide (N-Term) - Protein Information**Name** PTK7**Synonyms** CCK4**Function**

Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.

Cellular Location

Membrane; Single-pass type I membrane protein. Cell junction. Note=Colocalizes with MMP14 at cell junctions. Also localizes at the leading edge of migrating cells

Tissue Location

Highly expressed in lung, liver, pancreas, kidney, placenta and melanocytes. Weakly expressed in

thyroid gland, ovary, brain, heart and skeletal muscle. Also expressed in erythroleukemia cells. But not expressed in colon

PTK7 Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

PTK7 Blocking Peptide (N-Term) - Images

PTK7 Blocking Peptide (N-Term) - Background

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PTK7 Blocking Peptide (N-Term) - References

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