

TNK1 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP21591b**Specification**

TNK1 Blocking Peptide (C-term) - Product InformationPrimary Accession [Q13470](#)**TNK1 Blocking Peptide (C-term) - Additional Information****Gene ID** 8711**Other Names**Non-receptor tyrosine-protein kinase TNK1, CD38 negative kinase 1, TNK1
{ECO:0000312|EMBL:AAC994121}**Target/Specificity**

The synthetic peptide sequence is selected from aa 554-568 of HUMAN TNK1

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.

TNK1 Blocking Peptide (C-term) - Protein Information**Name** TNK1 {ECO:0000312|EMBL:AAC99412.1}**Function**

Involved in negative regulation of cell growth. Has tumor suppressor properties. Plays a negative regulatory role in the Ras-MAPK pathway. May function in signaling pathways utilized broadly during fetal development and more selectively in adult tissues and in cells of the lymphohematopoietic system. Could specifically be involved in phospholipid signal transduction.

Cellular Location

Cytoplasm. Membrane; Peripheral membrane protein

Tissue Location

Expressed in all umbilical cord blood, bone marrow and adult blood cell sub-populations and in several leukemia cell lines. Highly expressed in fetal blood, brain, lung, liver and kidney Detected at lower levels in adult prostate, testis, ovary, small intestine and colon. Not expressed in adult lung, liver, kidney or brain.

TNK1 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

TNK1 Blocking Peptide (C-term) - Images

TNK1 Blocking Peptide (C-term) - Background

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TNK1 Blocking Peptide (C-term) - References

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Hoehn G.T.,et al.Submitted (OCT-1998) to the EMBL/GenBank/DDBJ databases.
Felschow D.M.,et al.Biochem. Biophys. Res. Commun. 273:294-301(2000).
Olsen J.V.,et al.Cell 127:635-648(2006).
Hoare S.,et al.Cancer Res. 68:8723-8732(2008).