



Mouse Frk Blocking Peptide (C-term)

Synthetic peptide Catalog # BP21129a

Specification

Mouse Frk Blocking Peptide (C-term) - Product Information

Primary Accession <u>Q922K9</u> Other Accession <u>Q62662</u>

Mouse Frk Blocking Peptide (C-term) - Additional Information

Gene ID 14302

Other Names

Tyrosine-protein kinase FRK, Beta-cell Src-homology tyrosine kinase, BSK, FYN-related kinase, Intestine tyrosine kinase, Frk, Bsk, Iyk

Target/Specificity

The synthetic peptide sequence is selected from aa 476-489 of HUMAN Frk

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.

Mouse Frk Blocking Peptide (C-term) - Protein Information

Name Frk

Synonyms Bsk, lyk

Function

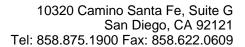
Non-receptor tyrosine-protein kinase that

Mouse Frk Blocking Peptide (C-term) - Background

Non-receptor tyrosine-protein kinase that negatively regulates cell proliferation. Positively regulates PTEN protein stability through phosphorylation of PTEN on 'Tyr-336', which in turn prevents its ubiquitination and degradation, possibly by reducing its binding to NEDD4. May function as a tumor suppressor (By similarity).

Mouse Frk Blocking Peptide (C-term) - References

Thuveson M.,et al.Biochem. Biophys. Res. Commun. 209:582-589(1995).
Oberg-Welsh C.,et al.Gene 152:239-242(1995).
Carninci P.,et al.Science 309:1559-1563(2005).
Chandrasekharan S.,et al.Mol. Cell. Biol. 22:5235-5247(2002).
Welsh M.,et al.Biochem. J. 382:261-268(2004).





negatively regulates cell proliferation. Positively regulates PTEN protein stability through phosphorylation of PTEN on 'Tyr-336', which in turn prevents its ubiquitination and degradation, possibly by reducing its binding to NEDD4. May function as a tumor suppressor (By similarity).

Cellular Location

Cytoplasm. Nucleus. Note=Predominantly found in the nucleus, with a small fraction found in the cell periphery.

Tissue Location

Expressed in intestinal tract, fetal and adult islets of Langerhans, kidney, liver and lung

Mouse Frk Blocking Peptide (C-term) - Protocols

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

• Blocking Peptides