

Mouse Frk Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP21130a**Specification****Mouse Frk Blocking Peptide (C-term) - Product Information**

Primary Accession [Q922K9](#)
Other Accession [Q62662](#)

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, Iyk

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.
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Welsh M.,et al.Biochem. J. 382:261-268(2004).

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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](#)