

Mouse Frk Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP21129a

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) - BackgroundNon-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).

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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](#)