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Mouse Srms Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21603c

Specification

Mouse Srms Blocking Peptide (Center) - Product Information

Primary Accession Q62270

Mouse Srms Blocking Peptide (Center) - Additional Information

Other Names
Tyrosine-protein kinase Srms, PTK70, Srms, Srm

Target/Specificity
The synthetic peptide sequence is selected from aa 113-127 of HUMAN Srms

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 Srms Blocking Peptide (Center) - Protein Information

Name Srms

Synonyms Srm

Function
Non-receptor tyrosine-protein kinase which phosphorylates DOK1 on tyrosine residues. Also phosphorylates KHDRBS1/SAM68 and VIM on tyrosine residues. Phosphorylation of KHDRBS1 is EGF-dependent. Phosphorylates OTUB1, promoting deubiquitination of RPTOR.

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:Q9H3Y6}. Note=Localizes to punctate cytoplasmic structures {ECO:0000250|UniProtKB:Q9H3Y6}

Tissue Location
Higher expression in liver, lung, thymus and skin than in brain, kidney, heart and spleen (PubMed:9226137). In skin, highly expressed in keratinocytes (PubMed:9226137). Abundant in lung, liver, spleen, kidney and testis and is also detected in the cerebrum (PubMed:7935409).

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Mouse Srms Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

Mouse Srms Blocking Peptide (Center) - Images

Mouse Srms Blocking Peptide (Center) - Background

Non-receptor tyrosine-protein kinase which phosphorylates DOK1 on tyrosine residues. May be involved in proliferation or differentiation of keratinocytes in the skin.

Mouse Srms Blocking Peptide (Center) - References

Kawachi Y.,et al.Exp. Dermatol. 6:140-146(1997).
Kohmura N.,et al.Mol. Cell. Biol. 14:6915-6925(1994).
Wall M.,et al.Submitted (APR-2001) to the EMBL/GenBank/DDBJ databases.