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Mouse Sike1 Blocking Peptide (N-term)

Synthetic peptide
Catalog # BP20223a

Specification

Mouse Sike1 Blocking Peptide (N-term) - Product Information

Primary Accession	Q9CPR7
Other Accession	Q5FWT9, NP_079955.1

Mouse Sike1 Blocking Peptide (N-term) - Additional Information

Gene ID 66641

Other Names
Suppressor of IKBKE 1, Suppressor of IKK-epsilon, Sike1

Target/Specificity
The synthetic peptide sequence is selected from aa 51-63 of MOUSE Sike1

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 Sike1 Blocking Peptide (N-term) - Protein Information

Name Sike1

Function
Physiological suppressor of IKK-epsilon and TBK1 that plays an inhibitory role in virus- and TLR3-triggered IRF3. Inhibits TLR3- mediated activation of interferon-stimulated response elements (ISRE) and the IFN-beta promoter. May act by disrupting the interactions of IKBKE or TBK1 with TICAM1/TRIF, IRF3 and RIGI. Does not inhibit NF- kappa-B activation pathways (By similarity).

Cellular Location
Cytoplasm.

Mouse Sike1 Blocking Peptide (N-term) - Protocols

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

- Blocking Peptides

Mouse Sike1 Blocking Peptide (N-term) - Images

Mouse Sike1 Blocking Peptide (N-term) - Background

Physiological suppressor of IKK-epsilon and TBK1 that plays an inhibitory role in virus-and TLR3-triggered IRF3. Inhibits TLR3-mediated activation of interferon-stimulated response elements (ISRE) and the IFN-beta promoter. May act by disrupting the interactions of IKBKE or TBK1 with TICAM1/TRIF, IRF3 and DDX58/RIG-I. Does not inhibit NF-kappa-B activation pathways (By similarity).

Mouse Sike1 Blocking Peptide (N-term) - References

Katayama, S., et al. Science 309(5740):1564-1566(2005)
Carninci, P., et al. Science 309(5740):1559-1563(2005)