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MKRN1 Blocking Peptide(Center)

Synthetic peptide
Catalog # BP19708c

Specification

MKRN1 Blocking Peptide(Center) - Product Information

Primary Accession	Q9UHC7
Other Accession	NP_038474.2

MKRN1 Blocking Peptide(Center) - Additional Information

Gene ID 23608

Other Names
E3 ubiquitin-protein ligase makorin-1, 632-, RING finger protein 61, MKRN1, RNF61

Target/Specificity
The synthetic peptide sequence is selected from aa 199-213 of HUMAN MKRN1

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.

MKRN1 Blocking Peptide(Center) - Protein Information

Name MKRN1

Synonyms RNF61

Function
E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. These substrates include FILIP1, p53/TP53, CDKN1A and TERT. Keeps cells alive by suppressing p53/TP53 under normal conditions, but stimulates apoptosis by repressing CDKN1A under stress conditions. Acts as a negative regulator of telomerase. Has negative and positive effects on RNA polymerase II- dependent transcription.

Tissue Location
Ubiquitous.

MKRN1 Blocking Peptide(Center) - Protocols

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

- Blocking Peptides

MKRN1 Blocking Peptide(Center) - Images

MKRN1 Blocking Peptide(Center) - Background

The Makorin ring finger protein-1 gene (MKRN1) is a highly transcribed, intron-containing source for a family of intronless mammalian genes encoding a novel class of zinc finger proteins. Phylogenetic analyses indicate that the MKRN1 gene is the ancestral founder of this gene family (Gray et al., 2000 [PubMed 10843807]).

MKRN1 Blocking Peptide(Center) - References

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Ko, A., et al. J. Virol. 84(1):426-436(2010)
Lee, E.W., et al. EMBO J. 28(14):2100-2113(2009)
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