

HNRNPH1 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20061a**Specification**

HNRNPH1 Blocking Peptide (N-term) - Product Information

Primary Accession
Other Accession

[P31943](#)
[Q6AY09](#), [P70333](#), [Q3SZF3](#), [Q8VHV7](#), [Q35737](#),
[NP_005511.1](#)

HNRNPH1 Blocking Peptide (N-term) - Additional Information

Gene ID 3187

Other Names

Heterogeneous nuclear ribonucleoprotein H, hnRNP H, Heterogeneous nuclear ribonucleoprotein H, N-terminally processed, HNRNPH1, HNRPH, HNRPH1

Target/Specificity

The synthetic peptide sequence is selected from aa 63-77 of HUMAN HNRNPH1

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.

HNRNPH1 Blocking Peptide (N-term) - Protein Information

Name HNRNPH1

Synonyms HNRPH, HNRPH1

Function

This protein is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. Mediates pre-mRNA alternative splicing regulation. Inhibits, together with CUGBP1, insulin receptor (IR) pre-mRNA exon 11 inclusion in myoblast. Binds to the IR RNA. Binds poly(RG).

Cellular Location

Nucleus, nucleoplasm.

Tissue Location

Expressed ubiquitously.

HNRNPH1 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

HNRNPH1 Blocking Peptide (N-term) - Images

HNRNPH1 Blocking Peptide (N-term) - Background

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNAs. It is very similar to the family member HNRPF. This gene is thought to be potentially involved in hereditary lymphedema type I phenotype. [provided by RefSeq].

HNRNPH1 Blocking Peptide (N-term) - References

Van Dusen, C.M., et al. Mol. Cell. Biol. 30(10):2552-2562(2010)
Russo, A., et al. Biochim. Biophys. Acta 1799 (5-6), 419-428 (2010) :
Ohe, K., et al. J. Biochem. 147(5):651-659(2010)
Rauch, J., et al. Cancer Res. 70(4):1679-1688(2010)
Fisette, J.F., et al. RNA 16(1):228-238(2010)