

ITGB1BP3 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP2791c**Specification**

ITGB1BP3 Blocking Peptide (Center) - Product Information

Primary Accession [O9NPI5](#)
Other Accession [NP_733778.1](#)

ITGB1BP3 Blocking Peptide (Center) - Additional Information

Gene ID 27231

Other Names

Nicotinamide riboside kinase 2, NRK 2, NmR-K 2, Integrin beta-1-binding protein 3, Muscle integrin-binding protein, MIBP, Nicotinic acid riboside kinase 2, Ribosylnicotinamide kinase 2, RNK 2, Ribosylnicotinic acid kinase 2, NMRK2, ITGB1BP3, NRK2

Target/Specificity

The synthetic peptide sequence is selected from aa 171-186 of HUMAN NMRK2

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.

ITGB1BP3 Blocking Peptide (Center) - Protein Information

Name NMRK2

Synonyms ITGB1BP3, NRK2

Function

Catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN). Reduces laminin matrix deposition and cell adhesion to laminin, but not to fibronectin. Involved in the regulation of PXN at the protein level and of PXN tyrosine phosphorylation. May play a role in the regulation of terminal myogenesis.

Tissue Location

Predominantly expressed in skeletal muscle and, at a much lower level, in the heart (at protein level). No expression in brain, kidney, liver, lung, pancreas nor placenta

ITGB1BP3 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

ITGB1BP3 Blocking Peptide (Center) - Images**ITGB1BP3 Blocking Peptide (Center) - References**

Bieganowski, P., et al. Cell 117(4):495-502(2004)
Li, J., et al. Dev. Biol. 261(1):209-219(2003)
Battle, M.A., et al. Biochemistry 42(24):7270-7282(2003)
Li, J., et al. J. Cell Biol. 147(7):1391-1398(1999)