

MYH11 Blocking Peptide (N-Term)

Synthetic peptide

Catalog # BP21702a

Specification

MYH11 Blocking Peptide (N-Term) - Product Information

Primary Accession

[P35749](#)**MYH11 Blocking Peptide (N-Term) - Additional Information**

Gene ID 4629

Other Names

Myosin-11, Myosin heavy chain 11, Myosin heavy chain, smooth muscle isoform, SMMHC, MYH11, KIAA0866

Target/Specificity

The synthetic peptide sequence is selected from aa 41-56 of HUMAN MYH11

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.

MYH11 Blocking Peptide (N-Term) - Protein Information

Name MYH11

Synonyms KIAA0866

Function

Muscle contraction.

Cellular Location

Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV. Thick filaments of the myofibrils

Tissue Location

Smooth muscle; expressed in the umbilical artery, bladder, esophagus and trachea. Isoform 1 is mostly found in slowly contracting tonic muscles.

MYH11 Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

MYH11 Blocking Peptide (N-Term) - Images**MYH11 Blocking Peptide (N-Term) - Background**

Muscle contraction.

MYH11 Blocking Peptide (N-Term) - References

Leguillette R.,et al.Am. J. Physiol. 289:C1277-C1285(2005).
Loftus B.J.,et al.Genomics 60:295-308(1999).
Nagase T.,et al.DNA Res. 5:355-364(1998).
Nagase T.,et al.Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.
Martin J.,et al.Nature 432:988-994(2004).