

MYH2 Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP21696a**Specification**

MYH2 Blocking Peptide (N-Term) - Product InformationPrimary Accession [Q9UKX2](#)**MYH2 Blocking Peptide (N-Term) - Additional Information****Gene ID** 4620**Other Names**

Myosin-2, Myosin heavy chain 2, Myosin heavy chain 2a, MyHC-2a, Myosin heavy chain IIa, MyHC-IIa, Myosin heavy chain, skeletal muscle, adult 2, MYH2, MYHSA2

Target/Specificity

The synthetic peptide sequence is selected from aa 370-382 of HUMAN MYH2

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.

MYH2 Blocking Peptide (N-Term) - Protein Information**Name** MYH2 ([HGNC:7572](#))**Synonyms** MYHSA2**Function**

Myosins are actin-based motor molecules with ATPase activity essential for muscle contraction.

Cellular Location

Cytoplasm, myofibril {ECO:0000250|UniProtKB:G3UW82}. Note=Thick filaments of the myofibrils

MYH2 Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

MYH2 Blocking Peptide (N-Term) - Images**MYH2 Blocking Peptide (N-Term) - Background**

Muscle contraction. Required for cytoskeleton organization (By similarity).

MYH2 Blocking Peptide (N-Term) - References

Weiss A.,et al.J. Mol. Biol. 290:61-75(1999).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Smerdu V.,et al.Am. J. Physiol. 267:C1723-C1728(1994).
Ennion S.,et al.J. Muscle Res. Cell Motil. 16:35-43(1995).