

Myosin-2 (MYH2) Recombinant Protein | MYH2 recombinant protein

Recombinant Human Myosin-2 (MYH2) , partial

CATALOG #
AAA116630

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Myosin-2 (MYH2); Recombinant Human Myosin-2 (MYH2); partial; MYH2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1238-1472. Partial.
Sequence	ASNKETVSKA KGNLEKMCRT LEDQLSELKS KEEEQQRLLN DLTAQRGRLLQ TESGEFSRQL DEKEALVSQ SRGKQAFTRQ IEELKRQLEE EIKAKNALAH ALQSSRHDCD LLREQYEEEQ ESKAELQRAL SKANTEVAQW RTKYETDAIQ RTEEELEAKK KLAQRLQAAE EHVEAVNAKC ASLEKTKQRL QNEVEDLMLD VERTNAACAA LDDKQRNFDK ILAEWKQKCE ETHAE
Sequence Length	1472
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for MYH2 recombinant protein	Myosins are actin-based motor proteins that function in the generation of mechanical force in eukaryotic cells. Muscle myosins are heterohexamers composed of 2 myosin heavy chains and 2 pairs of nonidentical myosin light chains. This gene encodes a member of the class II or conventional myosin heavy chains, and functions in skeletal muscle contraction. This gene is found in a cluster of myosin heavy chain genes on chromosome 17. A mutation in this gene results in inclusion body myopathy-3. Multiple alternatively spliced variants, encoding the same protein, have been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153791586
NCBI GeneID	4620
NCBI Accession #	NP_001093582.1
NCBI GenBank Nucleotide #	NM_001100112.1
UniProt Accession #	Q9UKX2; Q14322; Q16229; Q567P6; Q86T56; A0AVL4
Molecular Weight	79,880 Da
NCBI Official Full Name	myosin-2
NCBI Official Synonym Full Names	myosin heavy chain 2
NCBI Official Symbol	MYH2

NCBI Official Synonym Symbols	IBM3; MYH2A; MYPOP; MYHSA2; MYHas8; MyHC-2A; MyHC-IIa
NCBI Protein Information	myosin-2
UniProt Protein Name	Myosin-2
UniProt Gene Name	MYH2
UniProt Synonym Gene Names	MYHSA2; MyHC-2a; MyHC-IIa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/myh2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116630>