

Myosin Heavy Chain 2, Skeletal Muscle, Adult (MYH2) Recombinant Protein | MYH2 recombinant protein

Recombinant Myosin Heavy Chain 2, Skeletal Muscle, Adult (MYH2)

CATALOG # AAA148316	REACTIVITY Human	APPLICATIONS Western Blot, SDS-Page
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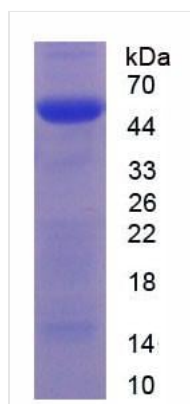
PRODUCT SYNONYMS

Myosin Heavy Chain 2; Skeletal Muscle; Adult (MYH2); Recombinant Myosin Heavy Chain 2; MYH2A; MYHSA2; MYHas8; MyHC-2A; MyHC-IIa; MYH2 recombinant protein

PRODUCT SPECIFICATIONS

Reactivity	Human
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	1941
Applicable Applications for MYH2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Tag	N-terminal His and GST Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Fragment	Leu1237~Ala1471
Subcellular Location	Cytoplasm
Isoelectric Point	5.4

IMAGES



Sequence

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LASN VETVSKAKGN
LEKMCRTLED QLSELSKEE EQRLINDLT AQRGLQTES GEFSRQIDEK
EALVSQLSRG KQAFQQIEE LKRQLEEEIK AKNALAHALQ SSRHDCDLLR
EQYEEEQESK AELQRLSKA NTEVAQWRTK YETDAIQRTE ELEEAKKKLA
QRLQAAEEHV EAVNAKCASL EGTKQRLQNE VEDLMLDVER TNAACAALDK
KQRNFDKILA EWKQKCEETH A

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SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for MYH2 recombinant protein	Metabolic pathway; Developmental science; Bone metabolism
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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	Predicted Molecular Weight: 57.1kDa Accurate Molecular Weight: 57kDa
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-wb-western-blot-sds-page-immunogen-positive-control/148316>