

Recombinant Human MYH10, His-tagged

Cat. No. MYH10-29710TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1506-1976 of Human non-muscle heavy chain Myosin with N terminal His tag, 72kDa.
Species	Human
Source	E.coli
ProteinLength	1506-1976 a.a.
Description	Non-muscle heavy chain myosin is a cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 80 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	NKQLRADMEDLMSSKDDVGKNVHELEKSKRALEQQVEEMR TQLEELEDELQATED AKLRLEVNMQAMKAQFERDLQTR DEQNEEKRLLIKQVRELEAELEDERKQRALAV ASKKK MEIDLKDLEAQIEAANKARDEVIKQLRKLQAQMKDYQREL EEARASRDEIFA QSKSEKKLKSLEAEILQLQEELASS ERARRHAEQERDELADEITNSASGKSALLDE

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KRRLEAR IAQLEEELEEEQSNMELLNDRFRKTTLQVDTLNAELAA ERSAAQKSDNA
 RQQLERQNKELKAKLQLELEGAVKSKFKAT ISALEAKIGQLEEQLQEAKERAAANKL
 VRRTEKKLKE IFMQVEDERRHADQYKEQMEKANARMKQLKRQLEEAE EATRAN
 ASRRKLQRELDDEANEGLSREVSTLKNRLRRGGPISFSSSRSGRRQLHLEGASL
 ELSDDDTESKTSDVNE TQPPQSE

GENE INFORMATION

Gene Name MYH10 myosin, heavy chain 10, non-muscle [Homo sapiens]

Official Symbol MYH10

Synonyms MYH10; myosin, heavy chain 10, non-muscle; myosin, heavy polypeptide 10, non muscle; myosin-10; NMMHCB;

Gene ID 4628

mRNA Refseq NM_005964

Protein Refseq NP_005955

MIM 160776

Uniprot ID P35580

Chromosome Location 17p13

Pathway Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Regulation of Actin Cytoskeleton, organism-specific biosystem; Regulation of actin cytoskeleton, organism-specific biosystem; Regulation of actin

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cytoskeleton, conserved biosystem;

Function

ADP binding; ATP binding; ATP binding; actin binding; actin filament binding;

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