

Recombinant Human MYH10 Over-expression Lysate, Myc/DDK-tagged

Cat. No. MYH10-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	<p>Transient overexpression lysate of myosin, heavy chain 10, non-muscle (MYH10) with a C-Myc/DDK tag was expressed in HEK293T.</p> <p>Components:</p> <p>1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer</p> <p>1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer</p> <p>1 vial of 250 µL 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)</p>
Species	<p>Human</p>
Source	<p>HEK293</p>
Description	<p>This gene encodes a member of the myosin superfamily. The protein represents a conventional non-muscle myosin; it should not be confused with the unconventional myosin-10 (MYO10). Myosins are actin-dependent motor proteins with diverse functions including regulation of cytokinesis, cell motility, and cell polarity. Mutations in this gene have been associated with May-Hegglin anomaly and developmental defects in brain and heart. Multiple transcript variants encoding different isoforms have been found for this gene.</p>
Molecular Mass	<p>228.8 kDa</p>
Storage	<p>Upon receiving, store the sample at -80 centigrade. Also after dilution, the protein</p>

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sample should be aliquoted and stored at -80 centigrade for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples are stable for 12 months from the date of receipt when stored at -80 centigrade.

Dilutions Lysate samples can be diluted with 2xSDS Sample Buffer provided.

GENE INFORMATION

Gene Name MYH10 myosin heavy chain 10 [Homo sapiens (human)]

Official Symbol MYH10

Synonyms MYH10; myosin heavy chain 10; NMMHCB; NMMHC-IIB; myosin-10; myosin heavy chain, nonmuscle type B; myosin, heavy chain 10, non-muscle; myosin, heavy polypeptide 10, non-muscle; nonmuscle myosin II heavy chain-B; nonmuscle myosin heavy chain IIB

Gene ID 4628

mRNA Refseq NM_005964

Protein Refseq NP_005955

MIM 160776

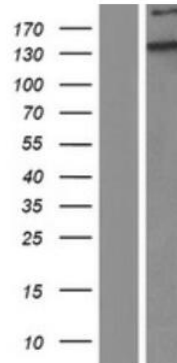
UniProt ID P35580

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