

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

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

SPECIFICATION

Product Overview	Transient overexpression lysate of myosin, heavy chain 10, non-muscle (MYH10) with a C-Myc/DDK tag was expressed in HEK293T. Components: 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 250 µL 2×SDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)
Species	Human
Source	HEK293
Description	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.
Molecular Mass	228.8 kDa
Storage	Upon receiving, store the sample at -80 centigrade. Also after dilution, the protein

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 2×SDS 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

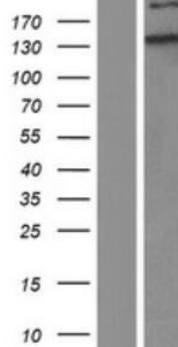
UniProt ID P35580

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