

Myosin Light Chain 12B (MYL12B) Recombinant Protein | MYL12B recombinant protein

Recombinant Myosin Light Chain 12B (MYL12B)

CATALOG # AAA134300	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

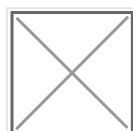
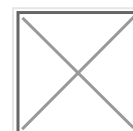
PRODUCT SYNONYMS

Myosin Light Chain 12B (MYL12B); Recombinant Myosin Light Chain 12B (MYL12B); MYL12B recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Sequence	KAKTKTKKR PQRATSNVFA MFDQSQIQEF KEAFNMIDQN RDGFIDKEDL HDMLASLGKN PTDAYLDAMM NEAPGPINFT MFLTMFGEKL NGTDPEDVIR NAFACFDEEA TGTIQEDYLR ELLTTMGDRF TDEEVDELYR EAPIDKKGNF NYIEFTRILK HGAKDKDD
Applicable Applications for MYL12B recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Lys5~Asp172
Tags	N-terminal His and GST Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Usage	Reconstitute in ddH2O to a concentration of 0-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES


SDS-PAGE
Figure. SDS-PAGE


SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	222144324
-----------	-----------

NCBI GeneID	103910
NCBI Accession #	NP_001138416.1
NCBI GenBank Nucleotide #	NM_001144944.1
UniProt Accession #	O14950; Q13182; Q7Z5Z4; D3DUH6
Molecular Weight	Predicted isoelectric point: 5.2 Predicted Molecular Mass: 49.3kDa Accurate Molecular Mass: 49kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	myosin regulatory light chain 12B
NCBI Official Synonym Full Names	myosin, light chain 12B, regulatory
NCBI Official Symbol	MYL12B
NCBI Official Synonym Symbols	MLC-B; MRLC2
NCBI Protein Information	myosin regulatory light chain 12B; MLC-2; MLC20; MLC-2A; SHUJUN-1; myosin regulatory light chain 2; myosin regulatory light chain MRLC2; myosin regulatory light chain 20 kDa; myosin regulatory light chain 2-B, smooth muscle isoform
UniProt Protein Name	Myosin regulatory light chain 12B
UniProt Gene Name	MYL12B
UniProt Synonym Gene Names	MRLC2; MYLC2B; MLC-2; MLC20
UniProt Entry Name	ML12B_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/myl12b-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134300>