

Myosin Light Chain 12A (MYL12A) Recombinant Protein | MYL12A recombinant protein

Recombinant Myosin Light Chain 12A (MYL12A)

CATALOG # AAA134723	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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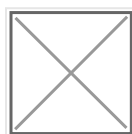
PRODUCT SYNONYMS

Myosin Light Chain 12A (MYL12A); Recombinant Myosin Light Chain 12A (MYL12A); MYL12A 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: 150ug/mL (varies by lot)
Sequence	TKKRPQRATS NVFAMFDQSQ IQEFKEAFNM IDQNRDGFID KEDLHDMLAS LGKNPTDEYL DAMMNEAPGP INFTMFLTMF GEKLNGTDPE DVIRNAFACF DEEATGTIQE DYLLRELLTTM GDRFTDEEVD ELYREAPIDK KGNFNYIEFT RILKHGAKDK DD
Applicable Applications for MYL12A recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Thr10~Asp171
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Usage	Reconstitute in ddH ₂ O to a concentration of 0-0.15mg.mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453740
NCBI GeneID	10627
NCBI Accession #	NP_006462.1
NCBI GenBank Nucleotide #	NM_006471.2
UniProt Accession #	P19105
Molecular Weight	Predicted Molecular Mass: 20.3kDa Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions. Predicted isoelectric point: 4.7
NCBI Official Full Name	myosin regulatory light chain 12A
NCBI Official Synonym Full Names	myosin, light chain 12A, regulatory, non-sarcomeric
NCBI Official Symbol	MYL12A
NCBI Official Synonym Symbols	MLCB; MRCL3; MRLC3; MYL2B; HEL-S-24
NCBI Protein Information	myosin regulatory light chain 12A; MLC-2B; myosin RLC; myosin regulatory light chain 3; epididymis secretory protein Li 24; myosin regulatory light chain MRCL3; myosin regulatory light chain MRLC3; myosin regulatory light chain 2, nonsarcomeric; myosin, light polypeptide, regulatory, non-sarcomeric (20kD)
UniProt Protein Name	Myosin regulatory light chain 12A
UniProt Gene Name	MYL12A
UniProt Synonym Gene Names	MLCB; MRLC3; RLC
UniProt Entry Name	ML12A_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.

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Online datasheet: <https://stage.aaabiotech.com/myl12a-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134723>