

Myosin light chain 3 (MYL3) Recombinant Protein | MYL3 recombinant protein

Recombinant Bovine Myosin light chain 3 (MYL3)

CATALOG # AAA113861	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Myosin light chain 3 (MYL3); Recombinant Bovine Myosin light chain 3 (MYL3); MYL3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-199aa; Full Length of Mature Protein
Sequence	APKKPDPKKD EAKAGAKAAA APAPAPPPP APEPSKEPEF DPSKIKIEFT PEQIEEFKEA FTLFDRTPKC EMKITYGQCG DVLRALGQNP TQAEVLRVLG KPKQEELNSK MMDFDTLPM LQHISKNKDT GTYEDFVEGL RVFDKEGNGT VMGAELRHVL ATLGEKLTED EVEKLMAGQE DSNGCINYEY FVKHIMAG
Species	Bovine
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for MYL3 recombinant protein	MYL3 encodes myosin light chain 3, an alkali light chain also referred to in the literature as both the ventricular isoform and the slow skeletal muscle isoform. Mutations in MYL3 have been identified as a cause of mid-left ventricular chamber type hypertrophic cardiomyopathy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	270483786
NCBI GeneID	618352
NCBI Accession #	NP_001069969.2
NCBI GenBank Nucleotide #	NM_001076501.2
UniProt Accession #	P85100
Molecular Weight	21,939 Da
NCBI Official Full Name	myosin light chain 3
NCBI Official Synonym Full Names	myosin light chain 3
NCBI Official Symbol	MYL3
NCBI Official Synonym Symbols	MLC1SB
NCBI Protein Information	myosin light chain 3
UniProt Protein Name	Myosin light chain 3

UniProt Gene Name	MYL3
UniProt Synonym Gene Names	MLC1SB

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/myl3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113861>