

MYL3 recombinant protein

Recombinant Human MYL3 protein

CATALOG #
AAA119937

HOST
E Coli

PRODUCT SYNONYMS

MYL3; Recombinant Human MYL3 protein; Myosin light chain 3; Cardiac myosin light chain 1; CMLC1; Myosin light chain 1; slow-twitch muscle B/ventricular isoform; MLC1SB; Ventricular myosin alkali light chain; Ventricular myosin light chain 1; VLC1; Ventricular/slow twitch myosin alkali light chain; MLC-IV/sb; MYL3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized. Lyophilized from PBS pH 7.4, 0.2% NLS, 5% Trehalose, 5% Mannose, 1mM EDTA.
Species	Homo sapiens (Human)
Protein Construction	A DNA sequence encoding the human MYL3 (Lys5-Gly181) was fused with His tag
Reconstitution	Reconstitute in sterile water for a stock solution.
Preparation and Storage	Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt. Use a manual defrost freezer and avoid repeated freeze thaw cycles. In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

ADDITIONAL INFORMATION

Related Product Information for MYL3 recombinant protein	Regulatory light chain of myosin. Does not bind calcium.
Product Categories/Family for MYL3 recombinant protein	Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557777
NCBI GeneID	4634
NCBI Accession #	NP_000249.1
NCBI GenBank Nucleotide #	NM_000258.2
UniProt Accession #	P08590 ; Q9NRS8 ; B2R534
Molecular Weight	21,932 Da
NCBI Official Full Name	myosin light chain 3
NCBI Official Synonym Full Names	myosin, light chain 3, alkali; ventricular, skeletal, slow
NCBI Official Symbol	MYL3
NCBI Official Synonym Symbols	CMH8; VLC1; MLC1V; MLC1SB

NCBI Protein Information	myosin light chain 3; CMLC1; cardiac myosin light chain 1; ventricular/slow twitch myosin alkali light chain; myosin light chain 1, slow-twitch muscle B/ventricular isoform; myosin, light polypeptide 3, alkali; ventricular, skeletal, slow
UniProt Protein Name	Myosin light chain 3
UniProt Gene Name	MYL3
UniProt Synonym Gene Names	CMLC1; MLC1SB
UniProt Entry Name	MYL3_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/myl3-recombinant-protein-e-coli/119937>