

Recombinant MYL3 protein (His tag)



Catalog Number: 546714

Gene Name Synonym

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

Protein Construction

DNA encoding 36-195 aa (P08590) were fused with 6His tag.

Organism

Human

Expression Host

E. coli

Activity

Not tested.

Purity

>90%, by SDS-PAGE with Coomassie Brilliant Blue staining.

Endotoxin

Please contact the lab for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Molecular Mass

Predictes a molecular mass of 19.92 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Formulation

Lyophilized from sterile PBS, pH 7.4

Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.