

MYL4 Human

Description:MYL4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 205 amino acids (1-197 a.a.) and having a molecular mass of 22.6kDa.MYL4 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-999

For research use only.

Synonyms:Myosin light chain 4 alkali atrial embryonic, ALC1, AMLC, GT1, Myosin light chain 1 embryonic muscle/atrial isoform, Myosin light chain alkali GT-1 isoform, PRO1957, MLC1.

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MAPKKPEPKK EAAKPAPAPA PAPAPAPAPA PEAPKEPAFD
PKSVKIDFTA DQIEEFKEAF SLFDRTPPTGE MKITYGQCGD VLRALGQNPT NAEVLRVLGK
PKPEEMNVKM LDFETFLPIL QHISRNKEQG TYEDFVEGLR VFDKESNGTV MGAELRHVLA
TLGEKMTEAE VEQLLAGQED ANGCINYEAF VKHIMSGLEH HHHHH

Purity:Greater than 90% as determined by SDS-PAGE.

Formulation:

MYL4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 150mM NaCl, 1mM DTT and 20% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

MYL4 is a hexameric ATPase cellular motor protein which is composed of two nonphosphorylatable alkali light chains, two heavy chains and two phosphorylatable regulatory light chains. MYL4 encodes a myosin alkali light chain which is located in embryonic muscle and adult atria. Two alternatively spliced transcript variants encoding the same protein were found for this gene.

To place an order, please [Click HERE](#).