Recombinant Full Length Human MYL4 Protein

Cat. No. MYL4-323HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MYL4 with an N terminal proprietary tag; Predicted MWt 47.41 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	197 amino acids
Description	Myosin is a hexameric ATPase cellular motor protein. It is composed of two myosin heavy chains, two nonphosphorylatable myosin alkali light chains, and two phosphorylatable myosin regulatory light chains. This gene encodes a myosin alkali light chain that is found in embryonic muscle and adult atria. Two alternatively spliced transcript variants encoding the same protein have been found for this gene.
Form	Liquid
Molecular Mass	47.410kDa inclusive of tags
AA Sequence	MAPKKPEPKKEAAKPAPAPAPAPAPAPAPAPEAPKEPAFD PKSVKIDFTADQIEEFK EAFSLFDRTPTGEMKITYGQCGD VLRALGQNPTNAEVLRVLGKPKPEEMNVKMLDF ETFLPIL QHISRNKEQGTYEDFVEGLRVFDKESNGTVMGAELRHVLA TLGEKMTEA EVEQLLAGQEDANGCINYEAFVKHIMSG
Purity	Proprietary Purification

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	MYL4 myosin, light chain 4, alkali; atrial, embryonic [Homo sapiens]
Official Symbol	MYL4
Synonyms	MYL4; myosin, light chain 4, alkali; atrial, embryonic; myosin, light polypeptide 4, alkali; atrial, embryonic; myosin light chain 4; ALC1; AMLC; GT1; myosin; atrial/fetal muscle; light chain; PRO1957
Gene ID	4635
mRNA Refseq	NM_001002841
Protein Refseq	NP_001002841
MIM	160770
UniProt ID	P12829

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