

Product datasheet for **AR50137PU-N**

MYL4 (1-197, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MYL4 (1-197, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MAPKKPEPKK EAAKPAPAPA PAPAPAPAPA PEAPKEPAFD PKSVKIDFTA DQIEEFKEAF SLFDRTPTGE MKITYGQCGD VLRALGQNPT NAEVLRVLGK PKPEEMNVKM LDFETFLPIL QHISRNKEQG TYEDFVEGLR VFDKESNGTV MGAELRHVLA TLGEKMTEAE VEQLLAGQED ANGCINYEAF VKHIMSGLEH HHHHH
Tag:	His-tag
Predicted MW:	22.6 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% glycerol, 0.15M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MYL4 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001002841
Locus ID:	4635
UniProt ID:	P12829
Cytogenetics:	17q21.32
Synonyms:	ALC1; AMLC; GT1; PRO1957



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Summary:

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. [provided by RefSeq, Jul 2008]

Product images: