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Product datasheet for AR39148PU-N

MYL6B (1-208, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MYL6B (1-208, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMPPKKDV PVKKPAGPSI SKPAAKPAAA GAPPAKTKAE PAVPQAPQKT QEPPVDLSKV VIEFNKDQLE EFKEAFELFD RVGDGKILYS QCGDVMRALG QNPTNAEVLK VLGNPKSDEL KSRRVDFETF LPMLQAVAKN RGQGTYEDYL EGFRVFDKEG NGKVMGAELR HVLTTLGEKM TEEEVETVLA GHEDSNGCIN YEAFLKHILS V
Tag:	His-tag
Predicted MW:	25.2 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MYL6B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001186558
Locus ID:	140465
UniProt ID:	P14649
Cytogenetics:	12q13.2
Synonyms:	Myosin light chain 6B, MLC1SA

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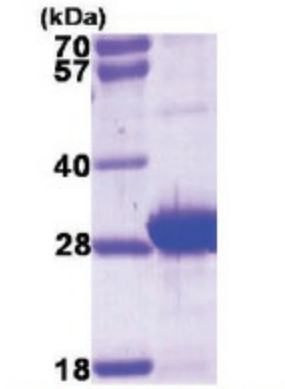
Summary: Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain expressed in both slow-twitch skeletal muscle and in nonmuscle tissue. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

Protein Pathways: Vascular smooth muscle contraction

Product images:



15% SDS-PAGE (3ug)