

## Product datasheet for **AR50374PU-N**

### MYL7 (1-175, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	MYL7 (1-175, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHTMASRKA GTRGKVAATK QAQRGSSNVF SMFEQAQIQE FKEAFSCIDQ NRDGIICKAD LRETYSQLGK VSVPEEELDA MLQEGKGPIN FTVFLTLFGE KLNGTDPEEA ILSAFRMFDP SGKGVVNKDE FKQLLLTQAD KFSPAEEVEQM FALTPMDLAG NIDYKSLCYI ITHGDEKEE
Tag:	His-tag
Predicted MW:	22.0 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MYL7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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:	<a href="#">NP_067046</a>
Locus ID:	58498
UniProt ID:	<a href="#">Q01449</a>
Cytogenetics:	7p13
Synonyms:	MYL2A; MYLC2A



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<b>Summary:</b>	MYL7 protein is a atrial isoform of myosin regulatory light chain 2(MYL2). Myosin is an hexamer of 2 heavy chains and 4 light chains. MYL7 is predominantly expressed in adult atrial muscle.
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Focal adhesion, Leukocyte transendothelial migration, Regulation of actin cytoskeleton, Tight junction

**Product images:**