

# Product datasheet for AR50374PU-S

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

#### **Product data:**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Recombinant Proteins
Description:	MYL7 (1-175, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMASRKA GTRGKVAATK QAQRGSSNVF SMFEQAQIQE FKEAFSCIDQ NRDGIICKAD LRETYSQLGK VSVPEEELDA MLQEGKGPIN FTVFLTLFGE KLNGTDPEEA ILSAFRMFDP SGKGVVNKDE FKQLLLTQAD KFSPAEVEQM 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:	<u>NP 067046</u>
Locus ID:	58498
UniProt ID:	<u>Q01449</u>
Cytogenetics:	7p13
Synonyms:	MYL2A; MYLC2A

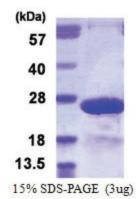


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	MYL7 (1-175, His-tag) Human Protein – AR50374PU-S
Summary:	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.
Protein Families:	Druggable Genome
Protein Pathway	<b>s:</b> Focal adhesion, Leukocyte transendothelial migration, Regulation of actin cytoskeleton, Tight junction

## Product images:

×//\_\_\_



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US