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# Myozenin 1 Protein (MYOZ1) (AA 1-299) (His tag)



#### Overview

Quantity:	100 μg
Target:	Myozenin 1 (MYOZ1)
Protein Characteristics:	AA 1-299
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Myozenin 1 protein is labelled with His tag.

#### **Product Details**

Sequence:	Met 1-Leu 299
Characteristics:	A DNA sequence encoding the Human MYOZ1 protein (Q9NP98) (Met 1-Leu 299) was expressed with a N-His&C-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	Myozenin 1 (MYOZ1)
Alternative Name:	MYOZ1 (MYOZ1 Products)
Background:	Abbreviation: MYOZ1
	Target Synonym: Myozenin-1,MYOZ1,Calsarcin-2
	Background: Myozenins may serve as intracellular binding proteins involved in linking Z-disk
	proteins such as alpha-actinin, gamma-filamin, TCAP/telethonin, LDB3/ZASP and localizing

### **Target Details**

	calcineurin signaling to the sarcomere. Plays an important role in the modulation of calcineurin signaling. May play a role in myofibrillogenesis.
Molecular Weight:	Calculated MW: 32.78 kDa  Observed MW: 38 kDa
UniProt:	Q9NP98

## **Application Details**

Restrictions: For Research Use only

#### Handling

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Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.  Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.  Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months