9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MYOZ1 Human

Myozenin 1 Human Recombinant
RCP1443

Product Overview

Name	MYOZ1 Human
Description	
Myozenin 1 Human Recombinant	
Accession (Primary)	Q9NP98
Synonyms	
CS-2, FATZ, MYOZ, Calsarcin-2, Filamin-, actinin- and telethonin-binding protein,Protein FATZ, MYOZ1.	
Introduction	
Myozenin 1 (MYOZ1) is a member of the myozenin family. MYOZ1 is mostly expressed in the skeletal muscle. Members of the myozenin family act as calcineurin-interacting proteins which helps tether calcineurin to the sarcomere of cardiac and skeletal muscle. The myozenin family plays a significant role in modulation of calcineurin signaling.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
MYOZ1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M UREA and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MPLSGTP APNKKRKSSK LIMELTGGGQ ESSGLNLGKK ISVPRDVMLE ELSLLTNRGS KMFKLRQMRV EKFIYENHPD VFSDSSMDHF QKFLPTVGGQ LGTAGQGFSY SKSNGRGGSQ AGGSGSAGQY GSDQQHHLGS GSGAGGTGGP AGQAGRGGAA GTAGVGETGS GDQAGGEGKH ITVFKTYISP WERAMGVDPQ QKMELGIDLL AYGAKAELPK YKSFNRTAMP YGGYEKASKR MTFQMPKFDL GPLLSEPLVL YNQNLSNRPS FNRTPIPWLS SGEPVDYNVD IGIPLDGETE EL.	
Precautions	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MYOZ1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NP98)