

## 32-4276: Recombinant Human Myozenin 1

**Alternative Name :** CS-2,FATZ,MYOZ,Calsarcin-2,Filamin-,actinin- and telethonin-binding protein,Protein FATZ,MYOZ1.

### Description

Source : Escherichia Coli. MYOZ1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 322 amino acids (1-299 a.a.) and having a molecular mass of 34.1kDa.MYOZ1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	MYOZ1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M UREA and 10% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSMPLSGTP APNKKRKSSK LIMELTGGGQ ESSGLNLGKK ISVPRDVMLE ELSLLTNRGS KMFKLQRMRV EKFIYENHPD VFSDSSMDHF QKFLPTVGGQ LGTAGQGFSY SKSNGRGGSQ AGGSGSAGQY GSDQQHHLGS GSGAGGTGGP AGQAGRGGAA GTAGVGETGS GDQAGGEGKH ITVFKTYISP WERAMGVDPQ QKMELGIDLL AYGAKEALPK YKSFNRTAMP YGGYEKASKR MTFQMPKFDL GPLLSEPLVL YNQNLNRPNS FNRTPIPWLS SGEPVDYNVD IGIPLDGETE EL.

