

## Myozenin 1 Human Recombinant

<b>Item Number</b>	rAP-4010
<b>Synonyms</b>	CS-2, FATZ, MYOZ, Calsarcin-2, Filamin-, actinin- and telethonin-binding protein, Protein FATZ, MYOZ1.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	Q9NP98
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMP LSGTP APNKKRKSSK LIMELTGGGQ ESSGLNLGKK IS-VPRDVMLE ELSLLTNRGS KMFKLRQMRV EKFIYENHPD VFS DSSMDHF QKFLPTVGGQ LGTAGQGFSY SKSNGRGGSQ AGGSGSAGQY GSDQQHHLGS GSGAGGTGGP AGQAGRGGAA GTAGVGETGS GDQAGGEGKH ITVFKTYISP WERAMGVDPQ QKMELGIDLL AYGAKAELPK YKSFNR-TAMP YGGYEKASKR MTFQM PKFDL GPLLSEPLVL YNQNLNRPS FNRTPIPWLS SGEPVDYNVD IGIPLDGETE EL.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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>Formulation and Purity</b>	MYOZ1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M UREA and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**