

## Recombinant Human MYOZ2 Protein

Catalog #	Source	Reactivity	Applications
CRP1985	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human MYOZ2 Protein is produced by our E. coli expression system and the target gene encoding Met1-Leu264 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 $\mu$ M filtered solution of 10mM Tris, pH 8.0.		
<b>Gene Symbol</b>	MYOZ2		
<b>Alternative Names</b>	C4orf5; Myozenin-2; Calsarcin-1; FATZ-related protein 2		
<b>Entrez Gene</b>	51778 (Human)		
<b>SwissProt</b>	Q9NPC6 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	MLSHNTMMKQ RKQQATAIMK EVHGNDVDGM DLGKKVSIPR DIMLEELSHL SNRGARLFKM RQRRSDKYTF ENFQYQSRAQ INHSIAMQNG KVDGSNLEGG SQQAPLTPPN TPDPRSPNP DNIAPGYS GP LKEIPPEKFN TTAVPKYYQS PWEQAISNDP ELLEALYPKL FKPEGKAELP DYRSFN RVAT PFGGF EKASR MVKFKVPDFE LLLLTDPFRM SFVNPLSGRR SFNRTPKGWI SENIPIVITT EPTDDTTVPE SEDLLEHHHH HH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
<b>Storage/Stability</b>	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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