

Recombinant Human MYOZ2 protein, His-tagged

Cat. No. MYOZ2-3286H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYOZ2 protein(1-264 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-264 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MLSHNTMMKQRKQQATAIMKEVHGNDVDGMDLGKKVSIPRDIMLEELSHLSNRGA RLFKMRQRRSDKYTFENFQYQSRAQINHSIAMQNGKVDGSNLEGGSQQAPLTPPN TPDPRSPNPNDNIAPGYSGPLKEIPPEKFNTTAVPKYYQSPWEQAISNDPELLEALYP KLFKPEGKAELPDYRSFNRVATPFGGFEEKASRMVKFKVPDFELLLLTDPRFMSFVNP LSGRRSFNRTPKGWISENIPIVITTEPTDDTTVPESEDL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name MYOZ2 myozenin 2 [Homo sapiens]

Official Symbol MYOZ2

Synonyms MYOZ2; myozenin 2; C4orf5, chromosome 4 open reading frame 5; myozenin-2; CS 1; FATZ-related protein 2; muscle-specific protein; calcineurin-binding protein calsarcin-1; CS-1; CMH16; C4orf5;

Gene ID 51778

mRNA Refseq NM_016599

Protein Refseq NP_057683

MIM 605602

UniProt ID Q9NPC6

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