

Recombinant Human MYOZ1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MYOZ1-3943H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MYOZ1 MS Standard C13 and N15-labeled recombinant protein (NP_067068) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is primarily expressed in the skeletal muscle, and belongs to the myozenin family. Members of this family function as calcineurin-interacting proteins that help tether calcineurin to the sarcomere of cardiac and skeletal muscle. They play an important role in modulation of calcineurin signaling.
Molecular Mass	31.7 kDa
AA Sequence	MPLSGTPAPNKKRKSSKLIMELTGGGQESSGLNLGKKISVPRDVMLEELSLLTNRGS KMFKLQRMRVEKFIYENHPDVFSDDSMDFQKFLPTVGGQLGTAGQGFSYSKSNG RGGSQAGGSGSAGQYGSDDQHHLGSGSGAGGTGGPAGQAGRGAAGTAGVGE TGSGDQAGGEGKHITVFKTYISPWERAMGVDPQQKMEGLIDLLAYGAKAELPKYKS FNRTAMPYGGYEKASKRMTFQMPKFDLGPLLSEPLVLYNQNLNRPSTFNRTPIPWL SSGEPVDYNVDIGIPLDGETEELTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MYOZ1 myozenin 1 [Homo sapiens (human)]

Official Symbol MYOZ1

Synonyms MYOZ1; myozenin 1; MYOZ, myozenin; myozenin-1; calsarcin 2; CS 2; FATZ; calsarcin-2; filamin-, actinin- and telethonin-binding protein; CS-2; MYOZ;

Gene ID 58529

mRNA Refseq NM_021245

Protein Refseq NP_067068

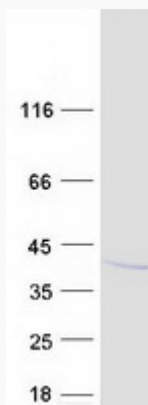
MIM 605603

UniProt ID Q9NP98

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SDS-PAGE

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