

Recombinant Mouse Myoz1 Protein, Myc/DDK-tagged

Cat. No. Myoz1-4262M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myozenin 1 (Myoz1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Myozenins may serve as intracellular binding proteins involved in linking Z-disk proteins such as alpha-actinin, gamma-filamin, TCAP/telethonin, LDB3/ZASP and localizing calcineurin signaling to the sarcomere. Plays an important role in the modulation of calcineurin signaling. May play a role in myofibrillogenesis.
Molecular Mass	31.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Myoz1 myozenin 1 [Mus musculus (house mouse)]
Official Symbol	Myoz1
Synonyms	MYOZ1; myozenin 1; myozenin-1; calsarcin-2; calcineurin-2; skeletal muscle-specific protein; filamin-, actinin- and telethonin-binding protein; FATZ; Myoz; AV090278; 2310001N11Rik
Gene ID	59011
mRNA Refseq	NM_021508
Protein Refseq	NP_067483
UniProt ID	Q9JK37

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