

Recombinant Human MYOZ2 Protein, His-tagged

Cat. No. MYOZ2-2495H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYOZ2 protein, fused to His-tagged at C-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	Myozenins may serve as intracellular binding proteins involved in linking Z line 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.
Form	Lyophilized from a 0.2 M filtered solution of 10 mM Tris, pH 8.0
Molecular Mass	30.9kD
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

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Gene Name	MYOZ2 myozenin 2 [Homo sapiens]
Official Symbol	MYOZ2
Synonyms	C4orf5; CMH16; CS-1
Gene ID	51778
mRNA Refseq	NM_016599
Protein Refseq	NP_057683
MIM	605602
UniProt ID	Q9NPC6

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