

MYOZ2 抗原（重组蛋白）

中文名称：MYOZ2 抗原（重组蛋白）

英文名称：MYOZ2 Antigen (Recombinant Protein)

别名：myozenin 2; CS-1; CMH16; C4orf5

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 1-264 amino acids of human MYOZ2

技术规格

Full name:	myozenin 2
Synonyms:	CS-1; CMH16; C4orf5
Swissprot:	Q9NPC6
Gene Accession:	BC017402
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene belongs to a family of sarcomeric proteins that bind to calcineurin, a phosphatase involved in calcium-dependent signal transduction in diverse cell types. These family members tether calcineurin to alpha-actinin at the z-line of the sarcomere of cardiac and skeletal muscle cells, and thus they are important for calcineurin signaling. Mutations in this gene cause cardiomyopathy familial hypertrophic type 16, a hereditary heart disorder.