

## 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

<b>Full name:</b>	myozenin 2
<b>Synonyms:</b>	CS-1; CMH16; C4orf5
<b>Swissprot:</b>	Q9NPC6
<b>Gene Accession:</b>	BC017402
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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.