

CASQ2 抗原（重组蛋白）

中文名称： CASQ2 抗原（重组蛋白）

英文名称： CASQ2 Antigen (Recombinant Protein)

别名： PDIB2

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 21-250 amino acids of human CASQ2

技术规格：

Full name:	calsequestrin 2 (cardiac muscle)
Synonyms:	PDIB2
Swissprot:	O14958
Gene Accession:	BC022288
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 specifies the cardiac muscle family member of the calsequestrin family. Calsequestrin is localized to the sarcoplasmic reticulum in cardiac and slow skeletal muscle cells. The protein is a calcium binding protein that stores calcium for muscle function. Mutations in this gene cause stress-induced polymorphic ventricular tachycardia, also referred to as catecholaminergic polymorphic ventricular tachycardia 2 (CPVT2), a disease characterized by bidirectional ventricular tachycardia that may lead to cardiac arrest.

