

Recombinant Human CASQ2

Catalog No: #GP11307



Package Size: #GP11307-1 100ug

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Description

Product Name	Recombinant Human CASQ2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 21-250 amino acids of human calsequestrin 2 (cardiac muscle)
Target Name	calsequestrin 2 (cardiac muscle)
Other Names	PDIB2
Accession No.	Swissprot:O14958Gene Accession:BC022288
Uniprot	O14958
GenID	845;
Storage	-20~-80°C, pH 7.6 PBS

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.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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