

Recombinant Human CCDC28A, His-tagged

Cat. No. CCDC28A-10797H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCDC28A protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-162a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

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Gene Name	CCDC28A coiled-coil domain containing 28A [Homo sapiens]
Official Symbol	CCDC28A
Synonyms	CCDC28A; coiled-coil domain containing 28A; C6orf80, chromosome 6 open reading frame 80; coiled-coil domain-containing protein 28A; CCRL1AP; DKFZp586D0623; chemokine C-C motif receptor-like 1 adjacent; C6orf80; MGC131913;
Gene ID	25901
mRNA Refseq	NM_015439
Protein Refseq	NP_056254
UniProt ID	Q8IWP9
Chromosome Location	6q23.1-q24.1

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