Recombinant Human CASQ2, His-tagged

Cat. No. CASQ2-10741H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASQ2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-399a.a.
Description	Centromere protein C 1 is a centromere autoantigen and a component of the inner kinetochore plate. The protein is required for maintaining proper kinetochore size and a timely transition to anaphase. A putative pseudogene exists on chromosome 12.
Source	E.coli
Species	Human
Tag	His
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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GENE INFORMATION

Gene Name	CASQ2 calsequestrin 2 (cardiac muscle) [Homo sapiens]
Official Symbol	CASQ2
Synonyms	CASQ2; calsequestrin 2 (cardiac muscle); calsequestrin-2; PDIB2; calsequestrin, cardiac muscle isoform; calsequestrin 2, fast-twitch, cardiac muscle; FLJ26321; FLJ93514;
Gene ID	845
mRNA Refseq	NM_001232
Protein Refseq	NP_001223
MIM	114251
UniProt ID	O14958
Chromosome Location	1p13.3-p11
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem;
Function	calcium ion binding;

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