

Recombinant Human CASQ1, His-tagged

Cat. No. CASQ1-10740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASQ1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-390a.a.
Description	The protein encoded by this gene is a neuron-specific protein. The similar protein in pig enhances neuroblastoma cell differentiation in vitro and may be involved in neuronal differentiation in vivo. Multiple pseudogenes have been reported for this gene.
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

Gene Name	CASQ1 calsequestrin 1 (fast-twitch, skeletal muscle) [Homo sapiens]
Official Symbol	CASQ1

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Synonyms	CASQ1; calsequestrin 1 (fast-twitch, skeletal muscle); CASQ; calsequestrin-1; calmitine; calsequestrin 1; fast twitch; skeletal muscle; PDIB1; calmitin; calsequestrin, skeletal muscle isoform;
Gene ID	844
mRNA Refseq	NM_001231
Protein Refseq	NP_001222
MIM	114250
UniProt ID	P31415
Chromosome Location	1q21
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem;
Function	calcium ion binding;

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