Recombinant Human CASQ1 protein

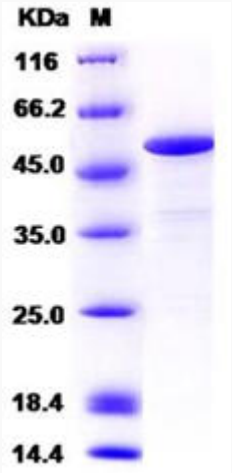
Cat. No. CASQ1-511H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASQ1 protein(P31415) (Gln35-Asp396) was expressed in E.coli with a N-terminal Met.
Species	Human
Source	E.coli
ProteinLength	35-396 aa
Form	Lyophilized from sterile 50mM Tris, 10% glycerol, pH 7.5.
Molecular Mass	The recombinant human CASQ1 consists of 363 amino acids and predicts a molecular mass of 41.8 KDa. It migrates as an approximately 52 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

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