

Recombinant Human CASQ2 protein, GST-tagged

Cat. No. CASQ2-301241H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASQ2 (273-399 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe273-Glu399
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	FAEKSDPDGYEFLEILKQVARDNTDNPDL SILWIDPDDFPLL VAYWEKTFKIDLFRPQI GVVNVTDADSVWMEIPDDDDLPTAELEDWIEDVLSGKINTEDDDDDDDDDNSDE EDNDDSDDDDDE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

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