

Recombinant Mouse Casq1 protein, His & T7-tagged

Cat. No. Casq1-1744M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Casq1 aa. (Glu35~Glu249 (Accession # O09165)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Glu35~Glu249 (Accession # O09165)
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

 Tel: 1-631-559-9269 1-516-512-3133

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-80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

Isoelectric Point

4.2

GENE INFORMATION

Gene Name

Casq1 calsequestrin 1 [*Mus musculus* (house mouse)]

Official Symbol

Casq1

Synonyms

Casq1; calsequestrin 1; CSQ; CSQ1; sCSQ; CSQ-1; calsequestrin-1; calmitine; calsequestrin, skeletal muscle isoform

Gene ID

12372

mRNA Refseq

NM_009813.2

Protein Refseq

NP_033943.2

UniProt ID

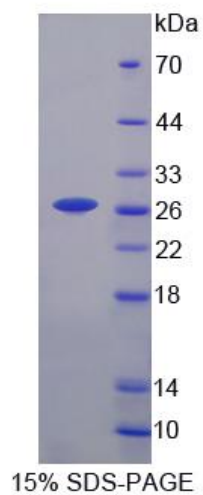
O09165

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SDS-PAGE



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