

Recombinant Mouse Casq1 Protein, MYC/DDK-tagged

Cat. No. Casq1-774M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse calsequestrin 1 (Casq1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in mammary gland adult (RPKM 118.1), heart adult (RPKM 12.4) and 1 other tissue.
Molecular Mass	45.6 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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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
Protein Refseq	NP_033943
UniProt ID	O09165

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