Recombinant Mouse Atp2a1 Protein, MYC/DDK-tagged

Cat. No. Atp2a1-666M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ATPase, Ca++ transporting, cardiac muscle, fast twitch 1 (Atp2a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Restricted expression toward mammary gland adult (RPKM 780.9).
Molecular Mass	109.4 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	Atp2a1 ATPase, Ca++ transporting, cardiac muscle, fast twitch 1 [Mus musculus (house mouse)]
Official Symbol	Atp2a1
Synonyms	Atp2a1; ATPase, Ca++ transporting, cardiac muscle, fast twitch 1; SERCA1; sarcoplasmic/endoplasmic reticulum calcium ATPase 1; SR Ca(2+)-ATPase 1; calcium pump 1; calcium-transporting ATPase sarcoplasmic reticulum type, fast twitch skeletal muscle isoform; endoplasmic reticulum class 1/2 Ca(2+) ATPase; EC 7.2.2.10
Gene ID	11937
mRNA Refseq	NM_007504
Protein Refseq	NP_031530
UniProt ID	Q8R429

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