

Recombinant Mouse Atp2a3 Protein, Myc/DDK-tagged

Cat. No. Atp2a3-1766M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ATPase, Ca ⁺⁺ transporting, ubiquitous (Atp2a3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of calcium. Transports calcium ions from the cytosol into the sarcoplasmic/endoplasmic reticulum lumen. Contributes to calcium sequestration involved in muscular excitation/contraction.
Molecular Mass	114.1 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.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Atp2a3 ATPase, Ca++ transporting, ubiquitous [Mus musculus (house mouse)]
Official Symbol	Atp2a3
Synonyms	ATP2A3; ATPase, Ca++ transporting, ubiquitous; sarcoplasmic/endoplasmic reticulum calcium ATPase 3; calcium pump 3; SR Ca(2+)-ATPase 3; sarcoendoplasmic reticulum Ca2+ ATPase type 3; Serca3; SERCA3b
Gene ID	53313
mRNA Refseq	NM_016745
Protein Refseq	NP_058025
UniProt ID	Q64518

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA