

Recombinant Mouse Atp2b4 Protein, Myc/DDK-tagged

Cat. No. Atp2b4-1767M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ATPase, Ca ⁺⁺ transporting, plasma membrane 4 (Atp2b4), transcript variant b, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Calcium/calmodulin-regulated and magnesium-dependent enzyme that catalyzes the hydrolysis of ATP coupled with the transport of calcium out of the cell. By regulating sperm cell calcium homeostasis, may play a role in sperm motility.
Molecular Mass	133.5 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.

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GENE INFORMATION

Gene Name	Atp2b4 ATPase, Ca++ transporting, plasma membrane 4 [Mus musculus (house mouse)]
Official Symbol	Atp2b4
Synonyms	ATP2B4; ATPase, Ca++ transporting, plasma membrane 4; plasma membrane calcium ATPase 4; Pmca4; MGC129362; MGC129363
Gene ID	381290
mRNA Refseq	NM_213616
Protein Refseq	NP_998781
UniProt ID	Q6Q477

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