

Recombinant Mouse Atp1b3 Protein, MYC/DDK-tagged

Cat. No. Atp1b3-664M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide (Atp1b3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. The exact function of the beta-3 subunit is not known.
Molecular Mass	32.2 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	Atp1b3 ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide [Mus musculus (house mouse)]
Official Symbol	Atp1b3
Synonyms	Atp1b3; ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide; AA409958; AI664000; AW212096; sodium/potassium-transporting ATPase subunit beta-3; ATPB-3; ATPase, Na ⁺ /K ⁺ beta 3 polypeptide; Na K-ATPase beta-3 subunit; sodium/potassium-dependent ATPase subunit beta-3; EC 7.2.2.13
Gene ID	11933
mRNA Refseq	NM_007502
Protein Refseq	NP_031528
UniProt ID	P97370

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