

Recombinant Mouse Atp1b4 Protein, Myc/DDK-tagged

Cat. No. Atp1b4-1765M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ATPase, (Na ⁺)/K ⁺ transporting, beta 4 polypeptide (Atp1b4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May act as a transcriptional coregulator during muscle development through its interaction with SNW1. Has lost its ancestral function as a Na,K-ATPase beta-subunit.
Molecular Mass	41.9 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	Atp1b4 ATPase, (Na+)/K+ transporting, beta 4 polypeptide [Mus musculus (house mouse)]
Official Symbol	Atp1b4
Synonyms	ATP1B4; ATPase, (Na+)/K+ transporting, beta 4 polypeptide; protein ATP1B4; x,K-ATPase subunit beta-m; x/potassium-transporting ATPase subunit beta-m; 1110020B02Rik
Gene ID	67821
mRNA Refseq	NM_133690
Protein Refseq	NP_598451
UniProt ID	Q99ME6

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