

Recombinant mouse ATPase, Na⁺/K⁺ transporting, beta 3 polypeptide Protein, Fc-tagged

Cat. No. ATP1B3-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide with N-terminal Fc fusion tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	450
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.
Form	Buffered aqueous solution
Molecular Mass	50.9 kDa
AA Sequence	MDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFN WYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPI EKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPEN NYKTTTPVLDSGDSFFLYSKLTVDKSRWQQGNVVFSCSVMHEALHNHYTQKSLSLSP GKTMWAMLQTLNDEVPKYRDQIPSPGLMVFPKPQTAL EYTFSMSEPQTYKKLVEDL ESFLKPYSVEEQKNLTSCPDGAPFIQHGPDYRACQFPVSLLEECSGVTDANFGYSK GQPCILVKMNRIIDLIPDGY PQISCLPKEENATIATYPEFGVLDLKYFPYYGKKRHVG Y

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	RQPLVAVQVKFDSGLNKKEVTVECHIAGTRNLKNKNERDKFLGRVSFKVTARA
Purity	90% by SDS-PAGE
Applications	ELISA, WB, Immunogen
Storage	Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	9 mg/ml
Storage Buffer	Solution in 50mM Tris, 300mM NaCl, 0.1%skl, pH8.5

GENE INFORMATION

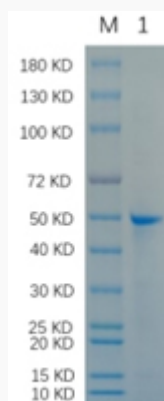
Gene Name	Atp1b3
Official Symbol	Atp1b3
Synonyms	Sodium/potassium-dependent ATPase subunit beta-3 (ATPB-3)
Gene ID	11933
mRNA Refseq	NM_007502.5
Protein Refseq	NP_031528.1
UniProt ID	P97370

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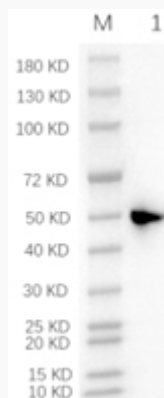
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SDS-PAGE



WB



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