

Recombinant Mouse Atp6v0a1 Protein, MYC/DDK-tagged

Cat. No. Atp6v0a1-675M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ATPase, H ⁺ transporting, lysosomal V0 subunit A1, complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in cortex adult (RPKM 75.9), frontal lobe adult (RPKM 74.3) and 28 other tissues.
Molecular Mass	145.9 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.

GENE INFORMATION

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Gene Name	Atp6v0a1 ATPase, H ⁺ transporting, lysosomal V0 subunit A1 [Mus musculus (house mouse)]
Official Symbol	Atp6v0a1
Synonyms	Atp6v0a1; ATPase, H ⁺ transporting, lysosomal V0 subunit A1; Vpp1; Vpp-1; ATP6a1; Atp6n1; Atp6n1a; Atpv0a1; AA959968; V-type proton ATPase 116 kDa subunit a1; V-type proton ATPase 116 kDa subunit a; ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump) noncatalytic accessory protein 1 (110/160 kDa); ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump) noncatalytic accessory protein 1A (110/160 kDa); ATPase, H ⁺ transporting, lysosomal V0 subunit a; V-ATPase 116 kDa; V-ATPase 116 kDa subunit a1; V-ATPase a1; clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit; vacuolar adenosine triphosphatase subunit Ac116; vacuolar proton pump subunit 1; vacuolar proton translocating ATPase 116 kDa subunit a; EC 7.1.2.2
Gene ID	11975
mRNA Refseq	NM_016920
Protein Refseq	NP_058616
UniProt ID	Q9Z1G4