

Recombinant Mouse Atp6v1e1 Protein, MYC/DDK-tagged

Cat. No. Atp6v1e1-673M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ATPase, H ⁺ transporting, lysosomal V1 subunit E1 (Atp6v1e1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Subunit of the peripheral V1 complex of vacuolar ATPase essential for assembly or catalytic function. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.
Molecular Mass	26.2 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.

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GENE INFORMATION

Gene Name	Atp6v1e1 ATPase, H⁺ transporting, lysosomal V1 subunit E1 [Mus musculus (house mouse)]
Official Symbol	Atp6v1e1
Synonyms	Atp6v1e1; ATPase, H ⁺ transporting, lysosomal V1 subunit E1; p31; Vma4; Atp6e; Atp6e2; Atp6v1e; D6Ert385e; 2410029D23Rik; V-type proton ATPase subunit E 1; ATPase, H ⁺ transporting, lysosomal 31kDa, V1 subunit E; H(+)-ATPase E-like protein; V-ATPase 31 kDa subunit; V-ATPase subunit E 1; VATPase, H ⁺ transporting, lysosomal V1 subunit E1; vacuolar proton pump subunit E 1; EC 7.1.2.2
Gene ID	11973
mRNA Refseq	NM_007510
Protein Refseq	NP_031536
UniProt ID	P50518

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