

## Recombinant Mouse Atp6v1e1 Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse ATPase, H <sup>+</sup> transporting, lysosomal V1 subunit E1 (Atp6v1e1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	26.2 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	<i>Atp6v1e1</i> ATPase, H <sup>+</sup> transporting, lysosomal V1 subunit E1 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	<i>Atp6v1e1</i>
<b>Synonyms</b>	<i>Atp6v1e1</i> ; ATPase, H <sup>+</sup> transporting, lysosomal V1 subunit E1; p31; Vma4; Atp6e; Atp6e2; Atp6v1e; D6Erd385e; 2410029D23Rik; V-type proton ATPase subunit E 1; ATPase, H <sup>+</sup> transporting, lysosomal 31kDa, V1 subunit E; H(+)-ATPase E-like protein; V-ATPase 31 kDa subunit; V-ATPase subunit E 1; VATPase, H <sup>+</sup> transporting, lysosomal V1 subunit E1; vacuolar proton pump subunit E 1; EC 7.1.2.2
<b>Gene ID</b>	11973
<b>mRNA Refseq</b>	NM_007510
<b>Protein Refseq</b>	NP_031536
<b>UniProt ID</b>	P50518

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