

## 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>       | <a href="#">Atp6v1e1 ATPase, H<sup>+</sup> transporting, lysosomal V1 subunit E1 [ Mus musculus (house mouse) ]</a>                                                                                                                                                                                                                                                                                                               |
| <b>Official Symbol</b> | <a href="#">Atp6v1e1</a>                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | Atp6v1e1; ATPase, H <sup>+</sup> transporting, lysosomal V1 subunit E1; p31; Vma4; Atp6e; Atp6e2; Atp6v1e; D6Ert385e; 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>         | <a href="#">11973</a>                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | <a href="#">NM_007510</a>                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | <a href="#">NP_031536</a>                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>      | <a href="#">P50518</a>                                                                                                                                                                                                                                                                                                                                                                                                            |

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