

Recombinant Mouse Atp6v1c1 Protein, Myc/DDK-tagged

Cat. No. Atp6v1c1-1773M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ATPase, H ⁺ transporting, lysosomal V1 subunit C1 (Atp6v1c1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Subunit of the peripheral V1 complex of vacuolar ATPase. Subunit C is necessary for the assembly of the catalytic sector of the enzyme and is likely to have a specific function in its catalytic activity. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.
Molecular Mass	43.9 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.

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GENE INFORMATION

Gene Name	Atp6v1c1 ATPase, H ⁺ transporting, lysosomal V1 subunit C1 [Mus musculus (house mouse)]
Official Symbol	Atp6v1c1
Synonyms	Atp6v1c1; ATPase, H ⁺ transporting, lysosomal V1 subunit C1; U13839; 1700025B18Rik; V-type proton ATPase subunit C 1; ATPase, H ⁺ transporting, V1 subunit C; V-ATPase subunit C 1; vacuolar proton pump subunit C 1; EC 7.1.2.2
Gene ID	66335
mRNA Refseq	NM_025494
Protein Refseq	NP_079770
UniProt ID	Q9Z1G3

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