Recombinant Mouse Atp6v1g1 Protein, Myc/DDK-tagged

Cat. No. Atp6v1g1-1775M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ATPase, H+ transporting, lysosomal V1 subunit G1 (Atp6v1g1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalytic subunit of the peripheral V1 complex of vacuolar ATPase (V-ATPase). V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.
Molecular Mass	13.7 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	Atp6v1g1 ATPase, H+ transporting, lysosomal V1 subunit G1 [Mus musculus (house mouse)]
Official Symbol	Atp6v1g1
Synonyms	ATP6V1G1; ATPase, H+ transporting, lysosomal V1 subunit G1; V-type proton ATPase subunit G 1; lysosomal 13kDa; V-ATPase subunit G 1; V-ATPase 13 kDa subunit 1; vacuolar proton pump subunit G 1; ATPase, H+ transporting, V1 subunit G; ATPase, H+ transporting, lysosomal 13kD, V1 subunit G; ATPase, H+ transporting, lysosomal (vacuolar proton pump); VAG1; ATP6J; Vma10; Atp6g1; AA960677; 1810024D14Rik
Gene ID	66290
mRNA Refseq	NM_024173
Protein Refseq	NP_077135
UniProt ID	Q9CR51

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