

Recombinant Mouse Atp6v1g3 Protein, Myc/DDK-tagged

Cat. No. Atp6v1g3-1777M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ATPase, H ⁺ transporting, lysosomal V1 subunit G3 (Atp6v1g3), 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	Atp6v1g3 ATPase, H ⁺ transporting, lysosomal V1 subunit G3 [Mus musculus (house mouse)]
Official Symbol	Atp6v1g3
Synonyms	ATP6V1G3; ATPase, H ⁺ transporting, lysosomal V1 subunit G3; V-type proton ATPase subunit G 3; V-ATPase subunit G 3; V-ATPase 13 kDa subunit 3; vacuolar proton pump subunit G 3; ATPase, H ⁺ transporting, V1 subunit G, isoform 3; MGC130213; MGC130214
Gene ID	338375
mRNA Refseq	NM_177397
Protein Refseq	NP_796371
UniProt ID	Q8BMC1

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