

Recombinant Mouse Atp6v1f Protein, Myc/DDK-tagged

Cat. No. Atp6v1f-1774M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ATPase, H ⁺ transporting, lysosomal V1 subunit F (Atp6v1f), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	13.4 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.

GENE INFORMATION

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Gene Name	Atp6v1f ATPase, H+ transporting, lysosomal V1 subunit F [Mus musculus (house mouse)]
Official Symbol	Atp6v1f
Synonyms	ATP6V1F; ATPase, H+ transporting, lysosomal V1 subunit F; V-type proton ATPase subunit F; V-ATPase subunit F; ATPase, vacuolar, 14 kD; V-ATPase 14 kDa subunit; vacuolar proton pump subunit F; ATPase, H+ transporting, V1 subunit F; 1110004G16Rik
Gene ID	66144
mRNA Refseq	NM_025381
Protein Refseq	NP_079657
UniProt ID	Q9D1K2

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