Recombinant Mouse Atp6v1b2 Protein, MYC/DDK-tagged

Cat. No. Atp6v1b2-671M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ATPase, H+ transporting, lysosomal V1 subunit B2 (Atp6v1b2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Non-catalytic subunit of the peripheral V1 complex of vacuolar ATPase. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.
Molecular Mass	56.6 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	Atp6v1b2 ATPase, H+ transporting, lysosomal V1 subunit B2 [Mus musculus (house mouse)]
Official Symbol	Atp6v1b2
Synonyms	Atp6v1b2; ATPase, H+ transporting, lysosomal V1 subunit B2; HO57; Atp6b2; R74844; AI194269; AI790362; V-type proton ATPase subunit B, brain isoform; ATPase, H+ transporting, V1 subunit B, isoform 2; ATPase, H+ transporting, lysosomal (vacuolar proton pump), beta 56/58 kDa, isoform 2; ATPase, H+ transporting, lysosomal 56/58kD, V1 subunit B, isoform 2; V-ATPase subunit B 2; endomembrane proton pump 58 kDa subunit; lysosomal 56/58kDa; vacuolar proton pump subunit B 2; EC 7.1.2.2
Gene ID	11966
mRNA Refseq	NM_007509
Protein Refseq	NP_031535
UniProt ID	P62814

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