

Recombinant Mouse Atp6v1b2 Protein, MYC/DDK-tagged

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

SPECIFICATION

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| 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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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