

Recombinant Human ATP6V0D1 protein, GST-tagged

Cat. No. ATP6V0D1-1868H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATP6V0D1 protein(1-351 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-351 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MSFFPELYFNVDNGYLEGLVRGLKAGVLSQADYLNLVQCETLEDKLHLQSTDYGN FLANEASPLTVSVIDDRLKEKMVVEFRHMRNHAYEPLASFLDFITYSYMIDNVILLITG TLHQRSIAELVPKCHPLGSFEQMEAVNIAQTPAELYNAILVDTPLAAFFQDCISEQDL DEMNIIEIRNTLYKAYLESFYKFCTLLGGTTADAMCPILEFEADRRAFIITINSFGTELSK EDRAKLFPHCGRLYPEGLAQLARADDYEQVKNVADYYPEYKLLFEGAGSNPGDKTL EDRFFEHEVKLNKLAFLNQFHFGVFYAFVKLKEQECRNIVWIAECIAQRHRAKIDNYI PIF
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 $\mu\text{g}/\mu\text{l}$ in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

ATP6V0D1 ATPase, H⁺ transporting, lysosomal 38kDa, V0 subunit d1 [Homo sapiens]

Official Symbol

ATP6V0D1

Synonyms

ATP6V0D1; ATPase, H⁺ transporting, lysosomal 38kDa, V0 subunit d1; ATP6D, ATPase, H⁺ transporting, lysosomal (vacuolar proton pump), member D , ATPase, H⁺ transporting, lysosomal 38kDa, V0 subunit d isoform 1 , ATPase, H⁺ transporting, lysosomal 38kDa, V0 subunit D1; V-type proton ATPase subunit d 1; ATP6DV; P39; VATX; Vma6; VPATPD; V-ATPase, subunit D; V-ATPase subunit d 1; V-ATPase AC39 subunit; 32 kDa accessory protein; vacuolar proton pump subunit d 1; V-ATPase 40 KDa accessory protein; H(+)-transporting two-sector ATPase, subunit D; ATPase, H⁺ transporting, lysosomal (vacuolar proton pump), member D; VMA6; ATP6D; FLJ43534;

Gene ID

9114

mRNA Refseq

NM_004691

Protein Refseq

NP_004682

MIM

607028

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