

Recombinant Human ATP6V0E1 293 Cell Lysate

Cat. No. ATP6V0E1-8586HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for ATPase, H ⁺ transporting, lysosomal 9kDa, V0 subunit e1 (ATP6V0E1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	ATP6V0E1?ATPase, H ⁺ transporting, lysosomal 9kDa, V0 subunit e1 [Homo sapiens?(human)]
Official Symbol	ATP6V0E1
Synonyms	ATP6V0E1; ATPase, H ⁺ transporting, lysosomal 9kDa, V0 subunit e1; M9.2; ATP6H; Vma21; Vma21p; ATP6V0E; V-type proton ATPase subunit e 1; V-ATPase H subunit; V-ATPase subunit e 1; V-ATPase M9.2 subunit; vacuolar proton pump H subunit; vacuolar ATP synthase subunit H; vacuolar proton pump subunit e 1; vacuolar proton-ATPase subunit M9.2; V-ATPase 9.2 kDa membrane accessory protein; H(+)-transporting two-sector ATPase, subunit H; NP_003936.1; EC 3.6.3.14
Gene ID	8992
mRNA Refseq	NM_003945
Protein Refseq	NP_003936
MIM	603931
UniProt ID	O15342
Chromosome Location	5q35.1
Pathway	Collecting duct acid secretion, organism-specific biosystem; Collecting duct acid secretion, conserved biosystem; Epithelial cell signaling in Helicobacter pylori

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infection, conserved biosystem; Oxidative phosphorylation, organism-specific biosystem

Function

ATPase activity, coupled to transmembrane movement of ions; proton-transporting
ATPase activity, rotational mechanism; transporter activity

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