Recombinant Human ATP6V0C 293 Cell Lysate

Cat. No. ATP6V0C-8589HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for ATPase, H+ transporting, lysosomal 16kDa, V0 subunit c (ATP6V0C) 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	ATP6V0C ATPase, H+ transporting, lysosomal 16kDa, V0 subunit c [Homo sapiens]
Official Symbol	ATP6V0C
Synonyms	ATP6V0C; ATPase, H+ transporting, lysosomal 16kDa, V0 subunit c; ATP6C, ATP6L, ATPase, H+ transporting, lysosomal (vacuolar proton pump) 16kD , ATPL; V-type proton ATPase 16 kDa proteolipid subunit; VATL; Vma3; V-ATPase 16 kDa proteolipid subunit; vacuolar H+ ATPase proton channel subunit; vacuolar proton pump 16 kDa proteolipid subunit; vacuolar ATP synthase 16 kDa proteolipid subunit; H(+)-transporting two-sector ATPase, 16 kDa subunit; ATPL; VPPC; ATP6C; ATP6L;
Gene ID	527
mRNA Refseq	NM_001198569
Protein Refseq	NP_001185498
MIM	108745
UniProt ID	P27449
Chromosome Location	16p13.3
Pathway	Collecting duct acid secretion, organism-specific biosystem; Collecting duct acid secretion, conserved biosystem; Epithelial cell signaling in Helicobacter pylori infection, organism-specific biosystem; Epithelial cell signaling in Helicobacter pylori

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	infection, conserved biosystem; Insulin receptor recycling, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Lysosome, organism-specific biosystem;
Function	hydrogen ion transporting ATP synthase activity, rotational mechanism; protein binding; proton-transporting ATPase activity, rotational mechanism; ubiquitin protein ligase binding;

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