

Recombinant Human ATP, His-tagged

Cat. No. ATP6V0D2-10038H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATPHis-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-350a.a.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	ATP6V0D2 ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d2 [Homo sapiens]
Official Symbol	ATP6V0D2
Synonyms	ATP6V0D2; ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d2; ATPase, H+ transporting, lysosomal 38kD, V0 subunit d isoform 2 , ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d isoform 2 , ATPase, H+ transporting, lysosomal

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	38kDa, V0 subunit D2; V-type proton ATPase subunit d 2; ATP6D2; FLJ38708; VMA6; V-ATPase subunit d 2; vacuolar proton pump subunit d 2;
Gene ID	245972
mRNA Refseq	NM_152565
Protein Refseq	NP_689778
UniProt ID	Q8N8Y2
Chromosome Location	8q21.3
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 infection, conserved biosystem; Insulin receptor recycling, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Lysosome, organism-specific biosystem;
Function	hydrogen ion transmembrane transporter activity; protein binding;

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