

Recombinant Human ATP6V1D lysate

Cat. No. ATP6V1D-50HCL **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer |
| Species | Human |
| Source | HEK293 |
| Molecular Mass | 28262.55Da |
| Recommended Usage | WB |
| Storage Instruction | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. |

GENE INFORMATION

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| Gene Name | ATP6V1D ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D [Homo sapiens] |
| Official Symbol | ATP6V1D |
| Synonyms | ATP6V1D; ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D; ATP6M, ATPase, H+ transporting, lysosomal (vacuolar proton pump); V-type proton ATPase subunit D; VATD; VMA8; V-ATPase D subunit; V-ATPase subunit D; vacuolar H-ATPase subunit D; vacuolar proton pump D subunit; vacuolar proton pump subunit D; vacuolar ATP synthase subunit D; vacuolar proton-ATPase subunit D; V-ATPase 28 kDa accessory protein; vacuolar proton pump delta polypeptide; ATPase, H+ |

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| | transporting lysosomal, member M; H(+)-transporting two-sector ATPase, subunit M; ATPase, H+ transporting, lysosomal (vacuolar proton pump); ATP6M; |
| Gene ID | 51382 |
| mRNA Refseq | NM_015994 |
| Protein Refseq | NP_057078 |
| MIM | 609398 |
| UniProt ID | Q9Y5K8 |
| Chromosome Location | 14q23-q24.2 |
| 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; Metabolic pathways, organism-specific biosystem; |
| Function | ATPase activity, coupled to transmembrane movement of substances; protein binding; proton-transporting ATPase activity, rotational mechanism; |

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