

Recombinant Full Length Human ATP6V1E2 Protein, GST-tagged

Cat. No. ATP6V1E2-1497HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATP6V1E2 full-length ORF (NP_542384.1, 1 a.a. - 226 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	226 amino acids
Description	ATP6V1E2 (ATPase H ⁺ Transporting V1 Subunit E2) is a Protein Coding gene. Among its related pathways are Ion channel transport and Immune System. GO annotations related to this gene include proton-transporting ATPase activity, rotational mechanism and hydrogen-exporting ATPase activity, phosphorylative mechanism. An important paralog of this gene is ATP6V1E1.
Molecular Mass	52.5 kDa
AA Sequence	MALSDVDVKK QIKHMMAFIE QEANEKAEI DAKAEFEFNI EKGRVLTQQR LKIMEYYEKK EKQIEQQKKI LMSTMRNQAR LKVLRRNDL ISDLLSEAKL RLSRIVEDPE VYQGLLDKLV LQGLLRLLP VMIVRCRPQD LLLVEAAVQK AIPEYMTISQ KHVEVQIDKE AYLAVNAAGG VEVYSGNQRI KVSNTLESRL DLSAKQKMPE IRMALFGANT NRKFFI
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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Antibody Production; Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [ATP6V1E2 ATPase H⁺ transporting V1 subunit E2 \[Homo sapiens \(human\) \]](#)

Official Symbol [ATP6V1E2](#)

Synonyms ATP6V1E2; ATPase H⁺ transporting V1 subunit E2; VMA4; ATP6E1; ATP6EL2; ATP6V1EL2; V-type proton ATPase subunit E 2; ATPase, H⁺ transporting, lysosomal 31kDa, V1 subunit E2; V-ATPase subunit E 2; testis secretory sperm-binding protein Li 235P; vacuolar proton pump subunit E 2; vacuolar-type proton-translocating ATPase subunit E1

Gene ID [90423](#)

mRNA Refseq [NM_001318063](#)

Protein Refseq [NP_001304992](#)

MIM [617385](#)

UniProt ID [Q96A05](#)

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