

## Recombinant Human ATP6AP2 protein, His-SUMO-tagged

**Cat. No.** ATP6AP2-2573H **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ATP6AP2 protein(O75787)(17-350aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	17-350aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	53.5 kDa
<b>AA Sequence</b>	NEFSILKSPGSSVFRNGNWPIPIGERIPDVAALSMGFSVKEDLSWPGLAVGNLFHRP RATVMVMVKGVNKLALPPGSVISYPLENAVPFSLDSVANSIHSLSFSEETPVVLQLAPS EERVYVMVGKANSVFEDLSVTLRQLRNRLFQENSVLSSLPLNLSLRNNEVDLLFLSEL QVLHDISSLLSRHKHLAKDHSPDLYSLELAGLDEIGKRYGEDSEQFRDASKILVDALQ KFADDMYSLYGGNAVVELVTVKSFDTSILIRKTRTILEAKQAKNPASPYNLAYKYNFY SVVFNMVLWIMIALALAVIITSYNIWNMDPGYDSIYRMTNQKIRMD
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

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<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ATP6AP2 ATPase, H+ transporting, lysosomal accessory protein 2 [ Homo sapiens ]
<b>Official Symbol</b>	ATP6AP2
<b>Synonyms</b>	ATP6AP2; ATPase, H+ transporting, lysosomal accessory protein 2; ATP6IP2, ATPase, H+ transporting, lysosomal interacting protein 2; renin receptor; APT6M8 9; ATP6M8 9; M8 9; N14F; V-ATPase M8.9 subunit; renin/prorenin receptor; ER-localized type I transmembrane adaptor; embryonic liver differentiation factor 10; ATPase H(+)-transporting lysosomal-interacting protein 2; ATPase, H+ transporting, lysosomal interacting protein 2; vacuolar ATP synthase membrane sector-associated protein M8-9; vacuolar proton ATP synthase membrane sector associated protein M8-9; ATPase, H+ transporting, lysosomal (vacuolar proton pump) membrane sector associated protein M8-9; M8-9; MRXE; XMRE; HT028; ELDF10; ATP6IP2; MSTP009; APT6M8-9; ATP6M8-9; MGC99577;
<b>Gene ID</b>	10159
<b>mRNA Refseq</b>	NM_005765
<b>Protein Refseq</b>	NP_005756
<b>MIM</b>	300556

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UniProt ID

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