

Recombinant Human ATP6V1F protein(Met1-Arg119), GST-tagged

Cat. No. ATP6V1F-10048H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATP6V1F (NP_004222.2) (Met1-Arg119) was expressed in E. coli with the GST tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg119
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human ATP6V1F/GST chimera consists of 350 amino acids and has a predicted molecular mass of 40.2 KDa. It migrates as an approximately 40 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	ATP6V1F ATPase, H ⁺ transporting, lysosomal 14kDa, V1 subunit F [Homo sapiens]
Official Symbol	ATP6V1F
Synonyms	ATP6V1F; ATPase, H ⁺ transporting, lysosomal 14kDa, V1 subunit F; V-type proton ATPase subunit F; ATP6S14; VATF; Vma7; V-ATPase F subunit; V-ATPase subunit F; ATPase, vacuolar, 14 kD; V-ATPase 14 kDa subunit; vacuolar proton pump F subunit; vacuolar proton pump subunit F; vacuolar ATP synthase subunit F; adenosinetriphosphatase 14k chain; H ⁽⁺⁾ -transporting two-sector ATPase, 14kD subunit; MGC117321; MGC126037; MGC126038;
Gene ID	9296
mRNA Refseq	NM_001198909
Protein Refseq	NP_001185838
MIM	607160
UniProt ID	Q16864

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