

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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