

Recombinant Rat ATPIF1 Protein, His-tagged

Cat. No. ATPIF1-13R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat ATPIF1 Protein, fused to His-tag, was expressed in E. coli.
Species	Rat
Source	E.coli
Description	Enables ATPase inhibitor activity. Predicted to be involved in several processes, including mitochondrial depolarization; negative regulation of ATPase activity; and regulation of protein targeting to mitochondrion. Predicted to act upstream of or within positive regulation of mitochondrial outer membrane permeabilization involved in apoptotic signaling pathway and reactive oxygen species metabolic process. Located in mitochondrion. Orthologous to human ATP5IF1 (ATP synthase inhibitory factor subunit 1).
Form	50 mM Tris, 300 mM NaCl, pH 8.0
Molecular Mass	14.4 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMAGSALAVRARLGVWGMRLVQTRGFGSDSSESM DSGAGSIREAGGAFGKREKAEEDRYFREKTREQLAALKKHHHEDEIDHHSKEIERLQK QIERHKKKIKYLKNSEH
Purity	90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.1 mg/ml

GENE INFORMATION

Gene Name [Atp5if1 ATP synthase inhibitory factor subunit 1 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol [Atp5if1](#)

Synonyms Atpi; IF1PA; Atpif1

Gene ID [25392](#)

mRNA Refseq [NM_012915](#)

Protein Refseq [NP_037047](#)

MIM [614981](#)

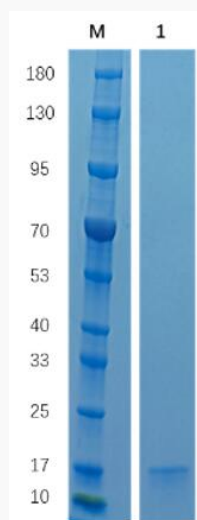
UniProt ID [Q03344](#)

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SDS-PAGE



Reducing 12% SDS-PAGE analysis profile of purified ATP1F1 (CBB stained).

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