

Recombinant Rat Atp5f1, His-tagged

Cat. No. Atp5f1-3709R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATP synthase subunit b, mitochondrial (Atp5f1)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	256
Description	may act as a hydrogen transporting ATPase .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Atp5f1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic

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procedures.

GENE INFORMATION

Gene Name	Atp5f1 ATP synthase, H+ transporting, mitochondrial Fo complex, subunit B1 [Rattus norvegicus]
Official Symbol	Atp5f1
Synonyms	ATP5F1; ATP synthase, H+ transporting, mitochondrial Fo complex, subunit B1; ATP synthase subunit b, mitochondrial; ATPase subunit b; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1;
Gene ID	171375
mRNA Refseq	NM_134365
Protein Refseq	NP_599192
Chromosome Location	2q34
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Electron Transport Chain, organism-specific biosystem; F-type ATPase, eukaryotes, organism-specific biosystem; Formation of ATP by chemiosmotic coupling, organism-sp
Function	ATPase activity; contributes_to ATPase activity; hydrogen ion transporting ATP synthase activity, rotational mechanism;

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