

Recombinant Rat Atp5b Protein, His-tagged

Cat. No. Atp5b-468R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Atp5b(Ala47~Ser529) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala47~Ser529
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	55.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
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Reconstitution	Reconstitute in PBS or others.
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GENE INFORMATION

Gene Name	Atp5b ATP synthase, H ⁺ transporting, mitochondrial F1 complex, beta polypeptide [<i>Rattus norvegicus</i>]
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Official Symbol	Atp5b
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Synonyms	ATP5B; ATP synthase, H ⁺ transporting, mitochondrial F1 complex, beta polypeptide; ATP synthase subunit beta, mitochondrial; mitochondrial ATP synthase beta subunit; ATP synthase, H ⁺ transporting mitochondrial F1 complex, beta subunit;
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Gene ID	171374
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mRNA Refseq	NM_134364
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Protein Refseq	NP_599191
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