

# Recombinant Human ATP5B Protein, His-tagged

**Cat. No.** ATP5B-1137H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ATP5B Protein (48-529aa) was expressed in yeast with N-terminal His-tag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 48-529 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | Tris-based buffer, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 53.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | <p>AQTSPSPKAGAATGRIVAVIGAVVDVQFDEGLPPILNALEVQGRETRLVLEVAQHLG<br/> ESTVRTIAMDGTEGLVRGQKVLDSGAPIKIPVGPETLGRIMNVIGEPIDERGPIKTKQF<br/> APIHAEAPEFMEMSVEQEILVTGIKVVDLLAPYAKGGKIGLFGGAGVGKTVLIMELINN<br/> VAKAHGGYSVFAGVGERTREGNDLYHEMIESGVINLKDATSKVALVYGQMNEPPGA<br/> RARVALTGLTVAEYFRDQEGQDVLLFIDNIFRFTQAGSEVSALLGRIPSAVG YQPTLA<br/> TDMGTMQERITTTKKSITSVQAIYVPADDLTDPAPATTF AHLDATTVLSRAIAELGIY<br/> PAVDPLDSTSRIMDPNIVGSEHYDVARGVQKILQDYKSLQDIIAILGMDELSEEDKLT V<br/> SRARKIQRFLSQPFQVAEVFTGHMGKLVPLKETIKGFQQILAGEYDHLPEQAFYMGV<br/> PIEEAVAKADKLAEEHSS</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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**Storage**

The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**GENE INFORMATION**
**Gene Name**

ATP5B ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, beta polypeptide [ Homo sapiens ]

**Official Symbol**

ATP5B

**Synonyms**

ATP5B; ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, beta polypeptide; ATP5B; ATP synthase subunit beta, mitochondrial; mitochondrial ATP synthase beta subunit; mitochondrial ATP synthetase, beta subunit; ATPMB; MGC5231

**Gene ID**

506

**mRNA Refseq**

NM\_001686

**Protein Refseq**

NP\_001677

**MIM**

102910

**UniProt ID**

P06576

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