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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ATP5F1 (Human) Recombinant Protein (P01)

Catalog Number: H00000515-P01

Regulation Status: For research use only (RUO)

Product Description: Human ATP5F1 full-length ORF (NP_001679.2, 1 a.a. - 256 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MLSRVVL SAAATAAPSLKNA AFLGPGVLQATRTRFHTG  
QPHLV PVPPLPEYGGKVRYGLIPEEFFQFLYPKTGVTG  
PYVLGTGLILYALSKEIYVISAETFTALSVLGVMVYGIKK  
YGPVFAD FADKLN EQKLAQLEEAKQASIQHIQNAIDTE  
KSQQALVQKRHYLFDVQRNNIAMALEVTYRERLYRVY  
KEVKNR LDYHISVQNMMRRKEQEHEMINWVEKHVVQSI  
STQQEKETIAKCIADLKL LAKKAQAQPVM
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 55.3

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 515

Gene Symbol: ATP5F1

Gene Alias: MGC24431, PIG47

Gene Summary: This gene encodes a subunit of

mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. The catalytic portion of mitochondrial ATP synthase consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3. The proton channel seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the b subunit of the proton channel. [provided by RefSeq]