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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ATP5J (Human) Recombinant Protein (P02)

Catalog Number: H00000522-P02

Regulation Status: For research use only (RUO)

Product Description: Human ATP5J full-length ORF (NP_001003696.1, 1 a.a. - 108 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MILQRLFRFSSVIRSAVSVHLRRNIGVTAVAFNKELDPI
QKLFVDKIREYKSKRQTSGGPVDASSEYQQELERELF
KLKQMFNGADMNTFPTFKFEDPKFEVIEKPQA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 39

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: 522

Gene Symbol: ATP5J

Gene Alias: ATP5, ATP5A, ATPM, CF6, F6

Gene Summary: Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1,

and the membrane-spanning component, F0, which comprises the proton channel. The F1 complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The F0 seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the F6 subunit of the F0 complex, required for F1 and F0 interactions. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]