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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ATP5C1 (Human) Recombinant Protein (P01)

Catalog Number: H00000509-P01

Regulation Status: For research use only (RUO)

Product Description: Human ATP5C1 full-length ORF (AAH00931, 1 a.a. - 298 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MFSRAGVAGLSAWTLQPQWIQVRNMATLKDITRRLKS
IKNIQKITKSMKMVAAAKYARAERELKPARIYGLGSLAL
YEKADIKGPEDKKKHLLIGVSSDRGLCGAIHSSIAKQM
KSEVATLTAAGKEVMLVGIGDKIRGILYRTHSDQFLVAF
KEVGRKPPTFGDASVIALELLNSGYEFDEGSIIFNKFRS
VISYKTEEKPIFSLNTVASADSMSIYDDIDADVLQNYQE
YNLANIIYYSLKESTTSEQSARMTAMDNASKNASEMID
KLTLTFNRTRQAVITKELIEIISGAAALD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 58.52

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: 509

Gene Symbol: ATP5C1

Gene Alias: ATP5C, ATP5CL1

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 consists of three main subunits (a, b, c). This gene encodes the gamma subunit of the catalytic core. Alternatively spliced transcript variants encoding different isoforms have been identified. This gene also has a pseudogene on chromosome 14. [provided by RefSeq]