

Recombinant Human ATP5J

Catalog No: #GP10212



Package Size: #GP10212-1 100ug

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Description

Product Name	Recombinant Human ATP5J
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	ATP synthase, H ⁺ transporting, mitochondrial Fo complex, subunit F6
Other Names	F6; CF6; ATP5; ATPM; ATP5A
Accession No.	Swissprot:P18859Gene Accession:BC001178
Uniprot	P18859
GeneID	522;
Storage	-20~-80°C, pH 7.6 PBS

Background

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, Fo, 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 Fo seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the F6 subunit of the Fo complex, required for F1 and Fo interactions. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. A pseudogene exists on chromosome Yp11.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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