Recombinant Human ATP5F1D

Catalog No: #GP13501

Package Size: #GP13501-1 100ug

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Description

Product Name	Recombinant Human ATP5F1D
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-168 amino acids of human ATP5F1D
Target Name	ATP synthase F1 subunit delta
Other Names	ATP5D
Accession No.	Swissprot:P30049Gene Accession:BC002389
Uniprot	P30049
GeneID	513;
Storage	-20~-80°C, pH 7.6 PBS

Background

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 delta subunit of the catalytic core. Alternatively spliced transcript variants encoding the same isoform have been identified.

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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