

# Recombinant Human ATP5PD

Catalog No: #GP13318



Package Size: #GP13318-1 100ug

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## Description

Product Name	Recombinant Human ATP5PD
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-137 amino acids of human ATP5PD
Target Name	ATP synthase peripheral stalk subunit d
Other Names	ATPQ; ATP5H
Accession No.	Swissprot:O75947Gene Accession:BC032245
Uniprot	O75947
GeneID	10476;
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 d subunit of the Fo complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. In addition, three pseudogenes are located on chromosomes 9, 12 and 15.

## 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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