ATP5PD 抗原（重组蛋白）

中文名称：ATP5PD 抗原（重组蛋白）

英文名称： ATP5PD Antigen (Recombinant Protein)

别　名： ATPQ; ATP5H

储　存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 1-137 amino acids of human ATP5PD

技术规格：

Full name:	ATP synthase peripheral stalk subunit d
Synonyms:	ATPQ; ATP5H
Swissprot:	O75947
Gene Accession:	BC032245
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 pseudo

	genes are located on chromosomes 9, 12 and 15.