

ATP5F1C 抗原（重组蛋白）

中文名称： ATP5F1C 抗原（重组蛋白）

英文名称： ATP5F1C Antigen (Recombinant Protein)

别名： ATP synthase F1 subunit gamma; ATP5C; ATP5C1; ATP5CL1

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 49-298 amino acids of human ATP5F1C

技术规格

Full name:	ATP synthase F1 subunit gamma
Synonyms:	ATP5C; ATP5C1; ATP5CL1
Swissprot:	P36542
Gene Accession:	BC000470
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 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, Jul 2008]