

ATP5MG 抗原（重组蛋白）

中文名称： ATP5MG 抗原（重组蛋白）

英文名称： ATP5MG Antigen (Recombinant Protein)

别名： ATP synthase membrane subunit g; ATP5L; ATP5JG

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 2-103 amino acids of human ATP5MG

技术规格

Full name:	ATP synthase membrane subunit g
Synonyms:	ATP5L; ATP5JG
Swissprot:	O75964
Gene Accession:	BC015128
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, F ₁ , and the membrane-spanning component, F _o , which comprises the proton channel. The F ₁ 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 g subunit of the Fo complex. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jun 2010]