

## 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

<b>Full name:</b>	ATP synthase membrane subunit g
<b>Synonyms:</b>	ATP5L; ATP5JG
<b>Swissprot:</b>	O75964
<b>Gene Accession:</b>	BC015128
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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 <sub>1</sub> , and the membrane-spanning component, F <sub>o</sub> , which comprises the proton channel. The F <sub>1</sub> 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 F <sub>o</sub> seems to have nine subunits (a, b, c, d, e, f, g, F <sub>6</sub> and 8). This gene encodes the g subunit of the F <sub>o</sub> complex. Alternative splicing results in multiple transcript varia

nts.[provided by RefSeq, Jun 2010]