

## PAICS 抗原（重组蛋白）

中文名称： PAICS 抗原（重组蛋白）

英文名称： PAICS Antigen (Recombinant Protein)

别名： phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase; ADE2; AIRC; PAIS; ADE2H1

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to N terminal 260 amino acids of human PAICS

### 技术规格

<b>Full name:</b>	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase
<b>Synonyms:</b>	ADE2; AIRC; PAIS; ADE2H1
<b>Swissprot:</b>	P22234
<b>Gene Accession:</b>	BC010273
<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>	This gene encodes a bifunctional enzyme containing phosphoribosylaminoimidazole carboxylase activity in its N-terminal region and phosphoribosylaminoimidazole succinocarboxamide synthetase in its C-terminal region. It catalyzes steps 6 and 7 of purine biosynthesis. The gene is closely linked and divergently transcribed with a locus that encodes an enzyme in the same pathway, an

d transcription of the two genes is coordinately regulated. The human genome contains several pseudogenes of this gene. Multiple transcript variants encoding different isoforms have been found for this gene.