

ATIC 抗原（重组蛋白）

中文名称： ATIC 抗原（重组蛋白）

英文名称： ATIC Antigen (Recombinant Protein)

别 名： 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase; PURH; AICAR; AICARFT; IMPCHASE; HEL-S-70p

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 200 amino acids of human ATIC

技术规格

Full name:	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase
Synonyms:	PURH; AICAR; AICARFT; IMPCHASE; HEL-S-70p
Swissprot:	P31939
Gene Accession:	BC008879
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 bifunctional protein that catalyzes the last two steps of the de novo purine biosynthetic pathway. The N-terminal domain has phosphoribosylaminoimidazolecarboxamide formyltransferase activity, and the C-terminal domain has IMP cyclohydrolase activity. A mutation in this gene results in AICA-ribosiduria.