

# Recombinant Human ATIC

Catalog No: #GP12196



Package Size: #GP12196-1 100ug

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## Description

Product Name	Recombinant Human ATIC
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 200 amino acids of human ATIC
Target Name	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase
Other Names	PURH; AICAR; AICARFT; IMPCHASE; HEL-S-70p
Accession No.	Swissprot:P31939Gene Accession:BC008879
Uniprot	P31939
GeneID	471;
Storage	-20~-80°C, pH 7.6 PBS

## 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.?

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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