

Recombinant Human PAICS

Catalog No: #GP11845



Package Size: #GP11845-1 100ug

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Description

Product Name	Recombinant Human PAICS
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 260 amino acids of human phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase
Target Name	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase
Other Names	ADE2; AIRC; PAIS; ADE2H1
Accession No.	Swissprot:P22234Gene Accession:BC010273
Uniprot	P22234
GenelD	10606;
Storage	-20~-80°C, pH 7.6 PBS

Background

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, and 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.

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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