

Recombinant Human PPAT, His-tagged

Cat. No. PPAT-1874H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPAT protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	178-517aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	PPAT phosphoribosyl pyrophosphate amidotransferase [Homo sapiens]
Official Symbol	PPAT
Synonyms	PPAT; phosphoribosyl pyrophosphate amidotransferase; amidophosphoribosyltransferase; GPAT; PRAT; glutamine PRPP amidotransferase; glutamine phosphoribosylpyrophosphate amidotransferase; glutamine phosphoribosylpyrophosphatate amidotransferase; ATASE;

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Gene ID	5471
mRNA Refseq	NM_002703
Protein Refseq	NP_002694
MIM	172450
UniProt ID	Q06203
Chromosome Location	4q12
Pathway	5-aminoimidazole ribonucleotide biosynthesis I, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, conserved biosystem; Fluoropyrimidine Activity, organism-specific biosystem; Inosine monophosphate biosynthesis, PRPP + glutamine =>IMP, organism-specific biosystem; Inosine monophosphate biosynthesis, PRPP + glutamine =>
Function	4 iron, 4 sulfur cluster binding; amidophosphoribosyltransferase activity; metal ion binding; transferase activity, transferring glycosyl groups;

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