Recombinant Human ATIC Protein, His-tagged

Cat. No. ATIC-26H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATIC Protein(P31939)(291-592 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	291-592 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	DLYKTLTPISAAYARARGADRMSSFGDFVALSDVCDVPTAKIISREVSDGIIAPGYEEE ALTILSKKKNGNYCVLQMDQSYKPDENEVRTLFGLHLSQKRNNGVVDKSLFSNVVT KNKDLPESALRDLIVATIAVKYTQSNSVCYAKNGQVIGIGAGQQSRIHCTRLAGDKAN YWWLRHHPQVLSMKFKTGVKRAEISNAIDQYVTGTIGEDEDLIKWKALFEEVPELLT EAEKKEWVEKLTEVSISSDAFFPFRDNVDRAKRSGVAYIAAPSGSAADKVVIEACDE LGIILAHTNLRLFHH
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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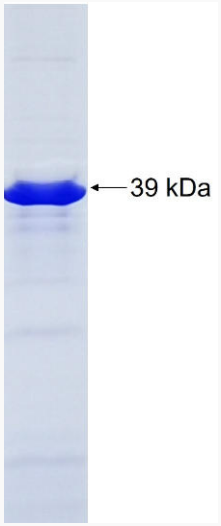
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

GENE INFORMATION

Gene Name	ATIC 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase [Homo sapiens]
Official Symbol	ATIC
Synonyms	ATIC; 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase; bifunctional purine biosynthesis protein PURH; AICARFT; IMPCHASE; phosphoribosylaminoimidazolecarboxamide formyltransferase/IMP cyclohydrolase; PURH; AICARFT/IMPCHASE; AICAR formyltransferase/IMP cyclohydrolase bifunctional enzyme; 5-aminoimidazole-4-carboxamide-1-beta-D-ribonucleotide transformylase/inosinicase; AICAR; FLJ93545;
Gene ID	471
mRNA Refseq	NM_004044
Protein Refseq	NP_004035
MIM	601731
UniProt ID	P31939

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SDS-PAGE



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