

Product datasheet for **TP519425**

Atic (NM_026195) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase (Atic), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR219425 representing NM_026195
Red=Cloning site **Green**=Tags(s)

MAPSQLALFSVSDKTGLVEFARSLASLGLSLVASGGTAKAIRDAGLAVRDVSELTGFPEMLGGRVKTLP
AVHAGILARNIPEDAADMARLDFNLVRVVCNLYPFVKTVASPDVTVEAAVEQIDIGGVTLLRAAAKNHA
RVTVVCEPEDYAGVAAEMHGSDSKDTSLETRRHLALKAFHTAQYDEAISDYFRKQYSKGISQMPLRYGM
NPHQTPAQLYTLKPKLPITVLNGAPGFINLCDALNAWQLVTELRGAVDIPAAASFKHVSPAGAAVGVPLS
EDEARVCMVYDLYPTLPLAVAYARARGADRMSSFGDFVALSDICDVPTAKIISREVSDGIVAPGYEEEE
LKILSKKNGNYCVLQMDQSYKPDENEVRTLFGRLSQRNNGVVDKSLFSNIVTKNKDLPESALRDLIV
ATVAVKYTQNSVVCYAKDGQVIGIGAGQQSRIHCTRLAGDKANSWWLRHHPRVLSMKFKAGVKRAEISNA
IDQYVTGTIGEGEDLVKWEALFEEVPELLTEAEKKEWVDKLSGVSVSSDAFFPFRDNVDRAKRSVAYIV
APSGSTADKWIEACDELGIVLAHTDLRLFHH

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 64.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_080471
Locus ID:	108147
UniProt ID:	Q9CWJ9
RefSeq Size:	2611
Cytogenetics:	1 C3
RefSeq ORF:	1776
Synonyms:	2610509C24Rik; AA536954; AW212393
Summary:	Bifunctional enzyme that catalyzes 2 steps in purine biosynthesis.[UniProtKB/Swiss-Prot Function]