

## Recombinant Mouse Paics Protein, Myc/DDK-tagged

Cat. No. Paics-4660M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoribosylaminoimidazole, succinocarboxamide synthetase (Paics), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Ubiquitous expression in CNS E11.5 (RPKM 67.7), placenta adult (RPKM 55.6) and 26 other tissues.
<b>Molecular Mass</b>	47.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Paics phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoribosylaminoimidazole, succinocarboxamide synthetase [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Paics
<b>Synonyms</b>	PAICS; phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoribosylaminoimidazole, succinocarboxamide synthetase; multifunctional protein ADE2; AIRC; PAIS; ADE2H1; 2610511109Rik
<b>Gene ID</b>	67054
<b>mRNA Refseq</b>	NM_025939
<b>Protein Refseq</b>	NP_080215
<b>UniProt ID</b>	Q9DCL9

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