

Recombinant Mouse Paics Protein, Myc/DDK-tagged

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

SPECIFICATION

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

GENE INFORMATION

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Gene Name	Paics phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoribosylaminoimidazole, succinocarboxamide synthetase [Mus musculus (house mouse)]
Official Symbol	Paics
Synonyms	PAICS; phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoribosylaminoimidazole, succinocarboxamide synthetase; multifunctional protein ADE2; AIRC; PAIS; ADE2H1; 2610511I09Rik
Gene ID	67054
mRNA Refseq	NM_025939
Protein Refseq	NP_080215
UniProt ID	Q9DCL9

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