

Recombinant Mouse Dpys Protein, Myc/DDK-tagged

Cat. No. Dpys-2650M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dihydropyrimidinase (Dpys), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the second step of the reductive pyrimidine degradation, the reversible hydrolytic ring opening of dihydropyrimidines. Can catalyze the ring opening of 5,6-dihydrouracil to N-carbamyl-alanine and of 5,6-dihydrothymine to N-carbamyl-amino isobutyrate.
Molecular Mass	56.7 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.

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GENE INFORMATION

Gene Name	Dpys dihydropyrimidinase [Mus musculus (house mouse)]
Official Symbol	Dpys
Synonyms	DPYS; dihydropyrimidinase; hydantoinase; dihydropyrimidine amidohydrolase; DHP; DHPase; 1200017I10Rik; 1300004I01Rik
Gene ID	64705
mRNA Refseq	NM_001164466
Protein Refseq	NP_001157938
UniProt ID	Q9EQF5

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