

Product datasheet for TP508311

Dpys (NM_001164466) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dihydropyrimidinase (Dpys), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR208311 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAPQGRLLIRGGLIVNDDFSQVADVLVEDGVVRALGRDLLPPEDASRGLRILDAAGKLVLPGGIDTHTHM
QFPFMGSQSVDDFYQGTKAALAGGTTMIIDFAIPQKGSLLIEAFETWRNWADPKVCCDYSLVAVTWWS
KVKEEMKTLARDKGVNSFKMFMAKGLYMQDEQLYAAFSQCKEIGAIAQVHAENGLIAEGAKKMLALG
ITGPEGHELRCRPEAVEAEATLRAITIASAVNCPYVHVMSKSAKVVADARRAGNVVYGEPIAAGLGTD
GRQYWSEEWSHAHHVMGPPLRPDPLTPGFLMDLLANGDLTTTGSNDCTFNTCQKALGKDDFTKIPNGVN
GVEDRMSVIWEKGVHSGKMDENRFVAVTSTNAKIFNLYPKKGRIAVGSDADIVIWDPEATRRISAKTHH
QAVNFINIFEGMVCHGVPLVTISRGRVVEAGVFNVTAGHGKFIQRQPFAYIYKRIKQRDQTCTPVPVKR
APYKGEVTTLKARETKEDDTAGTRMQGHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	56.7 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.
RefSeq:	<u>NP_001157938</u>



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Locus ID: 64705

UniProt ID: [Q9EQF5](#)

RefSeq Size: 2110

Cytogenetics: 15 B3.1

RefSeq ORF: 1560

Synonyms: 1200017110Rik; 1300004101Rik; DHP; DHPase

Summary: 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 (By similarity). [UniProtKB/Swiss-Prot Function]