



Recombinant Human Dihydropyrimidinase (DPYS)

Product Code	CSB-YP007169HU
Abbreviation	DPYS
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q14117
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAAPSRLIR GGRVVNDDFS EVADVLVEDG VVRALGHDLL PPGGAPAGLR VLDAAGKLV L PGGIDTHTHM QFPFMGSRSI DDFHQGTKAA LSGGTTMIID FAIPQKGGSL IEAFETWRSW ADPKVCCDYS LHVAVTWWSD QVKEEMKILV QDKGVNSFKM FMAYKDLYMV TDLELYEAFS RCKEIGAIAQ VHAENGDLIA EGAKKMLALG ITGPEGHEL C RPEAVEAEAT LRAITIASAV NCPLYIVHVM SKSAAKVIAD ARRDGKVVY G EPIAASLGTD GTHYWNKEWH HAAHHVMGPP LRPDPSTPDF LMNLLANDDL TTTGTDNCTF NTCQKALGKD DFTKIPNGVN GVEDRMSVIW EKGVHSGKMD ENRFVAVTST NAAKIFNLYP RKGRIAVGSD ADIVIWDPKG TRTISAKTHH QAVNFNIFEG MVCHGVPLVT ISRGKVYYEA GVFSVTAGDG KFIPRKPFAE YIYKRIKQRD RTCTPTPVER APYKGEVATL KSRVTKEDAT AGTRKQAH P
Source	Yeast
Target Names	DPYS
Protein Names	Recommended name: Dihydropyrimidinase Short name= DHP Short name= DHPase EC= 3.5.2.2 Alternative name(s): Dihydropyrimidine amidohydrolase Hydantoinase
Expression Region	1-519
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	Dihydropyrimidinase catalyzes the conversion of 5,6-dihydrouracil to 3-ureidopropionate in pyrimidine metabolism. Dihydropyrimidinase is expressed at a high level in liver and kidney as a major 2.5-kb transcript and a minor 3.8-kb transcript. Defects in the DPYS gene are linked to dihydropyrimidinuria.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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