



# Recombinant Human Dihydropyrimidinase (DPYS)

<b>Product Code</b>	CSB-EP007169HU
<b>Abbreviation</b>	DPYS
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q14117
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAAPSRLIR GGRVNDDFS EVADVLVEDG VVRALGHDLL PPGGAPAGLR VLDAAGKLV L PGGIDTHTHM QFPFMGSRSI DDFHQGTKAA LSGGTTMIID FAIPQKGGSL IEAFETWRSW ADPKVCCDYS LHVAVTWWSD QVKEEMKILV QDKGVNSFKM FMAYKDLVMV TDLELYEAFS RCKEIGAIQA VHAENGDLIA EGAKKMLALG ITGPEGHEL C RPEAVEAEAT LRAITIASAV NCPLYIVHVM SKSAAKVIAD ARRDGKVVY G EPIAASLGT D GTHYWNKEWH HAAHHVMGPP LRPDPSTPDF LMNLLANDDL TTTGTDNCTF NTCQKALGKD DFTKIPNGVN GVEDRMSVIW EKGVHSGKMD ENRFVAVTST NAAKIFNLYP RKGRIAVGSD ADIVIWDPKG TRTISAKTHH QAVNFNIFEG MVCHGVPLVT ISRGKVYYEA GVFSVTAGDG KFIPRKPFAE YIYKRIKQRD RTCTPTPVER APYKGEVATL KSRVTKEDAT AGTRKQAHP
<b>Source</b>	E.coli
<b>Target Names</b>	DPYS
<b>Protein Names</b>	Recommended name: Dihydropyrimidinase Short name= DHP Short name= DHPase EC= 3.5.2.2 Alternative name(s): Dihydropyrimidine amidohydrolase Hydantoinase
<b>Expression Region</b>	1-519
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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

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.