

Recombinant Human DPYS protein(Met1-Pro519)

Cat. No. DPYS-3235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPYS (NP_001376.1) (Met1-Pro519) was expressed in Insect Cells, fused with two additional amino acids (Gly&Pro) at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Pro519
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human DPYS consists of 521 amino acids and has a calculated molecular mass of 56.8 kDa. The recombinant protein migrates as an approximately 54 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	DPYS dihydropyrimidinase [Homo sapiens]
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Official Symbol	DPYS
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Synonyms	DPYS; dihydropyrimidinase; DHPase; hydantoinase; dihydropyrimidine amidohydrolase; DHP;
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Gene ID	1807
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mRNA Refseq	NM_001385
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Protein Refseq	NP_001376
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MIM	613326
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UniProt ID	Q14117
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