

Recombinant Human DPYS protein, His&GST-tagged

Cat. No. DPYS-243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPYS protein(NP_001376.1) (Met1-Pro519) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-519 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 8.0.
Molecular Mass	The recombinant human DPYS/GST chimera consists of 756 amino acids and has a calculated molecular mass of 84.4 kDa. The recombinant protein migrates as an approximately 69 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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

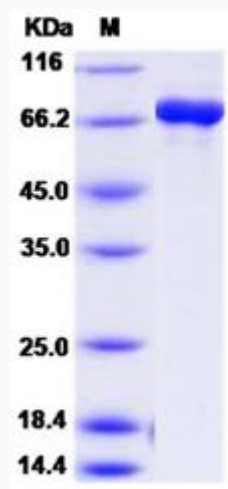
Gene Name	DPYS dihydropyrimidinase [Homo sapiens]
Official Symbol	DPYS
Synonyms	DPYS; dihydropyrimidinase; DHPase; hydantoinase; dihydropyrimidine amidohydrolase; DHP;
Gene ID	1807
mRNA Refseq	NM_001385
Protein Refseq	NP_001376
MIM	613326
UniProt ID	Q14117

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SDS-PAGE



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