Recombinant Human DPYD protein, GST-tagged

Cat. No. DPYD-3724H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPYD protein(4-99 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	4-99 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	VLSKDSADIESILALNPRTQTHATLCSTSAKKLDKKHWKRNPDKNCFNCEKLENNFD DIKHTTLGERGALREAMRCLKCADAPCQKSCPTNLDIKS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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	storage.

GENE INFORMATION

Gene Name	DPYD dihydropyrimidine dehydrogenase [Homo sapiens]
Official Symbol	DPYD
Synonyms	DPYD; dihydropyrimidine dehydrogenase; dihydropyrimidine dehydrogenase [NADP(+)]; DPD; dihydrouracil dehydrogenase; dihydrothymine dehydrogenase; DHP; DHPDHASE; MGC70799; MGC132008;
Gene ID	1806
mRNA Refseq	NM_000110
Protein Refseq	NP_000101
MIM	612779
UniProt ID	Q12882

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