

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 Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	VLSKDSADIESILALNPRTQTHATLCSTSAKKLDKHKHWKRNPDKNCFNCEKLENNFD 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 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA