

Recombinant Human DPYD Protein, MYC/DDK-tagged

Cat. No. DPYD-2533H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Human DPYD protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| Description | Involved in pyrimidine base degradation. Catalyzes the reduction of uracil and thymine. Also involved the degradation of the chemotherapeutic drug 5-fluorouracil. |
| Form | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 111.2 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration | >50 ug/mL as determined by microplate BCA method |

GENE INFORMATION

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|------------------------|---|
| Gene Name | DPYD dihydropyrimidine dehydrogenase [Homo sapiens] |
| Official Symbol | DPYD |
| Synonyms | DHP; DHPDHASE; DPD |

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|----------------|-----------|
| Gene ID | 1806 |
| mRNA Refseq | NM_000110 |
| Protein Refseq | NP_000101 |
| MIM | 612779 |
| UniProt ID | Q12882 |

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