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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

DPYD (Human) Recombinant Protein (P01)

Catalog Number: H00001806-P01

Regulation Status: For research use only (RUO)

Product Description: Human DPYD full-length ORF (AAH08379, 1 a.a. - 173 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAPVLSKDSADIESILALNPRTQTHATLCSTSAKKLDKK
HWKRNPDKNCFNCEKLENNFDDIKHTTLGERGALREA
MRCLKCADAPCQKSCPTNLDIKSFITSIANKNYYGAAK
MIFSDNPLGLTCGMVCPTSDLVGGCNLYATEEGPINI
GGLQQFATETLILAFSLMNLH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 44.66

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1806

Gene Symbol: DPYD

Gene Alias: DHP, DHPDHASE, DPD, MGC132008, MGC70799

Gene Summary: The protein encoded by this gene is a pyrimidine catabolic enzyme and the initial and

rate-limiting factor in the pathway of uracil and thymidine catabolism. Mutations in this gene result in dihydropyrimidine dehydrogenase deficiency, an error in pyrimidine metabolism associated with thymine-uraciluria and an increased risk of toxicity in cancer patients receiving 5-fluorouracil chemotherapy. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]