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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DCTD (Human) Recombinant Protein (P02)

Catalog Number: H00001635-P02

Regulation Status: For research use only (RUO)

Product Description: Human DCTD full-length ORF (NP_001012750.1, 1 a.a. - 189 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MVGGGQPCGPNMSEVSCKKRDDYLEWPEYFMAVAF  
LSAQRSKDPNSQVGACIVNSENKIVGIGYNGMPNGCS  
DDVLPWRRTAENKLDTKYPYVCHAELNAIMNKNSTDV  
KGCSMYVALFPCNECAKLIQAGIKEVIFMSDKYHDS  
EATAARLLFNMAGVTFRKFIPKCSKIVDFDSINSRPSQ  
KLQ
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 47.4

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: 1635

Gene Symbol: DCTD

Gene Alias: MGC111062

Gene Summary: The protein encoded by this gene catalyzes the deamination of dCMP to dUMP, the

nucleotide substrate for thymidylate synthase. The encoded protein is allosterically activated by dCTP and inhibited by dTTP, and is found as a homohexamer. This protein uses zinc as a cofactor for its activity. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]