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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DPH1 (Human) Recombinant Protein (P01)

Catalog Number: H00001801-P01

Regulation Status: For research use only (RUO)

Product Description: Human DPH1 full-length ORF (NP_001374, 1 a.a. - 363 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPEGLLLFACTIVDILERFTEAEVMVMGDVTYGACCVD
DFTARALGADFLVHYGHSLIPMDTSAQDFRVLVYFV
DIRIDTTHLLDSLRLTFPPATALALVSTIQFVSTLQAAAQ
ELKAEYRVSVPQCKPLSPGEILGCTSPRLSKEVEAVVY
LGDGRFHLESVMIANPNVPAYRYDPYSKVLRSREHYDH
QRMQAARQEAIATARSAKSWGLILGTLGRQGSPKILE
HLESRLRALGLSFVRLLLSEIFPSKLSLLPEVDVWVQVA
CPRLSIDWGTAFPKPLLPYEAAVALRDISWQQPYPM
DFYAGSSLGPWTVNHGQDRRPHAPGRPARGKVQEG
SARPPSAVACEDCSCRDEKVAPLAP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 65.56

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: 1801

Gene Symbol: DPH1

Gene Alias: DPH2L, DPH2L1, FLJ33211, OVCA1

Gene Summary: Diphthamide is a unique posttranslationally modified histidine found only in translation elongation factor-2 (EEF2; MIM 130610). This modification is conserved from archaeobacteria to humans and serves as the target for ADP-ribosylation and inactivation of EEF2 by diphtheria toxin (DT) and Pseudomonas exotoxin A. DPH1 is 1 of several enzymes involved in synthesis of diphthamide in EEF2 (Liu et al., 2004 [PubMed 15485916]).[supplied by OMIM]