Recombinant Human DPH1 Protein, MYC/DDK-tagged

Cat. No. DPH1-2481H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPH1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is an enzyme involved in the biosynthesis of diphthamide, a modified histidine found only in elongation factor-2 (EEF2). Diphthamide residues in EEF2 are targeted for ADP-ribosylation by diphtheria toxin and Pseudomonas exotoxin A. Defects in this gene have been associated with both ovarian cancer and autosomal recessive intellectual disability with short stature, craniofacial, and ectodermal anomalies.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	48.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	DPH1 DPH1 homolog (S. cerevisiae) [Homo sapiens]

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

Official Symbol	DPH1
Synonyms	DPH2L; DPH2L1; OVCA1
Gene ID	1801
mRNA Refseq	NM_001383
Protein Refseq	NP_001374
MIM	603527
UniProt ID	Q9BZG8

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