

Recombinant Human DPH3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DPH3-1992H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DPH3 MS Standard C13 and N15-labeled recombinant protein (NP_996662) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a CSL zinc finger-containing protein that is required for diphthamide biosynthesis. The encoded protein is necessary for the initial step in the modification of a histidine residue in elongation factor-2 to diphthamide. This modified residue is a target for ADP ribosylation by the bacterial toxins diphtheria toxin and Pseudomonas exotoxin A. Alternative splicing results in multiple transcript variants that encode the same isoform.
Molecular Mass	9.2 kDa
AA Sequence	MAVFHDEVEIEDFQYDEDESETYFYPCPCGDNFSITKEDLENGEDVATCPSCSLIIKVI YDKDQFVCGETVPAPSANKELVKCTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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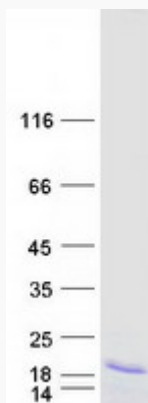
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	DPH3 diphthamide biosynthesis 3 [Homo sapiens (human)]
Official Symbol	DPH3
Synonyms	DESR1; DPH3A; KTI11; ZCSL2; DELGIP; DELGIP1
Gene ID	285381
mRNA Refseq	NM_206831
Protein Refseq	NP_996662
MIM	608959
UniProt ID	Q96FX2

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SDS-PAGE

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