Product datasheet for PH304203

DPH3 (NM_206831) Human Mass Spec Standard

Product data:

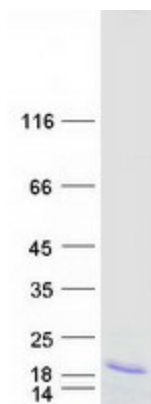|	
Product Type:	Mass Spec Standards
Description:	DPH3 MS Standard C13 and N15-labeled recombinant protein (NP_996662)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204203
Predicted MW:	9.2 kDa
Protein Sequence:	>RC204203 protein sequence Red=Cloning site Green=Tags(s) MAVFHDEVEIEDFQYDEDSETYFYPCPCGDNFSITKEDLENGEDVATCPSCSLIIKVIYDKDQFVCGETV PAPSANKELVKC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_996662
RefSeq Size:	4065
RefSeq ORF:	246
Synonyms:	DELGIP; DELGIP1; DESR1; DPH3A; KTI11; ZCSL2
Locus ID:	285381
UniProt ID:	Q96FX2
Cytogenetics:	3p25.1

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Summary: This gene encodes a CSL zinc finger-containing protein that is required for dipthamide 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. [provided by RefSeq, Feb 2009]

Product images:

Coomassie blue staining of purified DPH3 protein (Cat# [TP304203]). The protein was produced from HEK293T cells transfected with DPH3 cDNA clone (Cat# [RC204203]) using MegaTran 2.0 (Cat# [TT210002]).