

## Product datasheet for TP301382L

### DPH2 (NM\_001384) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DPH2 homolog ( <i>S. cerevisiae</i> ) (DPH2), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201382 protein sequence Red=Cloning site Green=Tags(s)

MESMFSSPAEAAALQRETGVPGLLTPPLDLDGVYELERVAGFVRDLGCERVALQFPDQLLGDVAVAAARLE  
ETTGSKMFI LGDTAYGSCCVDLGAEQAGAQAALIHFGPACLSPPARPLPVAFVLRQRSVALELCVKAFEAF  
QNPDPKAPVWLLSEPAHALEALATLLRPRYLDLLVSSPAFPQPVGSLSPEMPLERFGRFRPLAPGRR  
LEEYGAFYVGGSKASPDLDLDPDLSRLLL GWAPGQPFSSCCPDTGKTQDEGARAGRLRARRRYLVERARD  
ARVVGLLAGTLGVAQHREALAHLRNLTAAGKRSYVVALGRPTPAKLANFPEVDV FVLLACPLGALAPQL  
SGSFFQPILAPCELEAACNPAWPPPGLAPHLTHYADLLPGSPFHVALPPPESLWETPDVSLITGDLRPP  
PAWKSSNDHGSLALTPRPQLELAESSPAASFSSRSWQGLEPRLGQTPVTEAVSGRRGIAIAYEDEGSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	51.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_001375](#)

Locus ID: 1802

UniProt ID: [Q9BQC3](#)

RefSeq Size: 2513

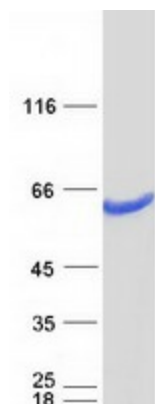
Cytogenetics: 1p34.1

RefSeq ORF: 1467

Synonyms: DPH2L2

**Summary:** This gene is one of two human genes similar to the yeast gene *dph2*. The yeast gene was identified by its ability to complement a diphthamide mutant strain, and thus probably functions in diphthamide biosynthesis. Diphthamide is a post-translationally modified histidine residue present in elongation factor 2 (EF2) that is the target of diphtheria toxin ADP-ribosylation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]

### Product images:



Coomassie blue staining of purified DPH2 protein (Cat# [TP301382]). The protein was produced from HEK293T cells transfected with DPH2 cDNA clone (Cat# [RC201382]) using MegaTran 2.0 (Cat# [TT210002]).