

Product datasheet for **TP301382M**

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
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201382 protein sequence Red =Cloning site Green =Tags(s)
	<p>MESMFSSPAEAAALQRETGVPGLLTPPLDLGVEYELERVAGFVRDLGCERVALQFPDQLLGDAVAVAAARLE ETTGSKMFI LGDTAYGSCCVDLGAEQAGA QALIHFGPA CLSPPARPLPVA FVLRQRSVALELCVKAFEA QNPDPKAPVLLSE PACAHALEALATLLRPRYLDLLVSSPAFPQPVGSLSP EPMPLERFGR RFLAPGRR LEEYGA FYVGGSKASPD PDLDP LSRLLLGWAPGQPFSSCCPDTGKTQDEGARAGRLRARRRYLVERARD ARVVG LLAGTLGVAQHREALAHLRNLQAAGKRSYV LALGRPTPAKLANFPEVDV FVLLACPLGALAPQL SGSFFQPILAPCELEAACNP AWPPPGLAPHLTHYADLLPGSPFHVALPPPES ELWETPDVSLITGDLRPP PAWKSSNDHGSLALTPRPQLELAESSPAASFLSSRSWQGLEPRLGQTPVTEAVSGRRGIAIAYEDEGSG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	51.9 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Applications:	Cell culture: For 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.
RefSeq:	<u>NP_001375</u>

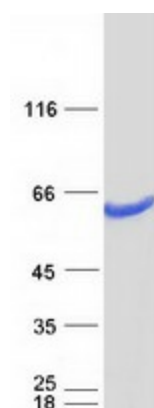


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Locus ID: 1802
UniProt ID: [Q9BQC3](#)
RefSeq Size: 2513
Cytogenetics: 1p34.1
RefSeq ORF: 1467
Synonyms: DPH2L2

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]).