

## Product datasheet for **TP309088M**

### DPH4 (DNAJC24) (NM\_181706) Human Recombinant Protein

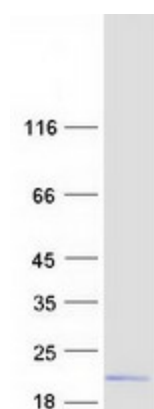
#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DnaJ (Hsp40) homolog, subfamily C, member 24 (DNAJC24), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209088 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAVEQMPKKDWYSILGADPSANISDLKQKYQKLILMYHPDKQSTDVPAGTVEECVQKFIEIDQAWKILGN EETKREYDLQRCEDDLRNVGPDVAQVYLEEMSWNEGDHSFYLSRCGGKYSVSKDEAEVSLISCDTCSL IIELLHYN
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	17 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.
RefSeq:	<u><a href="#">NP_859057</a></u>
Locus ID:	120526
UniProt ID:	<u><a href="#">Q6P3W2</a></u>


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RefSeq Size:	3000
Cytogenetics:	11p13
RefSeq ORF:	444
Synonyms:	DPH4; JJJ3; ZCSL3
Summary:	Diphthamide is a unique posttranslationally modified histidine found only in translation elongation factor-2 (EEF2; MIM 130610). This modification is conserved from archaeobacteria to humans and serves as the target for ADP-ribosylation and inactivation of EEF2 by diphtheria toxin (DT) and Pseudomonas exotoxin A. DPH4 is 1 of several enzymes involved in synthesis of diphthamide in EEF2 (Liu et al., 2004 [PubMed 15485916]).[supplied by OMIM, Mar 2008]

### Product images:



Coomassie blue staining of purified DNAJC24 protein (Cat# [TP309088]). The protein was produced from HEK293T cells transfected with DNAJC24 cDNA clone (Cat# [RC209088]) using MegaTran 2.0 (Cat# [TT210002]).