

Product datasheet for **TP517540**

Dph7 (NM_026044) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse diphthamine biosynthesis 7 (Dph7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR217540 representing NM_026044
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAGSHAGTLRVLQAVDTELTADSVIEWCPVEGYQHLLACGTYQLRAPRDQPALDGSEPQVRLGRLYLFSFS
EHNTAKPLLEVQRRDSSAVLDMKWCHIPVSGHVLLGLANASGSIGLLRLMECENNNSYTLQPISLALDEN
CLSLSMDWSTGKSVRAREQPLKIISSDSKQQLHLLMVNEGTAELQLVASWPAHHFEAWIAAFNYWQTELV
YSGGDDCLLRGWDTRMLGTPVFTSKRHCMGVCSIQSSPHQEHLATGSYDEHVLLWDTRNIRQPLADVPV
QGGVWRLKWHPVHHHLLAACMHNGFKILNCQKAIEEKQDITVLTSEMPNSLVYGADWSWLFHSMKPTP
TWFFDQNDMGVKAADHSSLKVTEEPIHSQEQTMDRQVEGPANAHTRAELKASLLPLTEDMKNKSDCCSS
SVKTRDLSHCSSGQSFDNSLLATCSFYDHLHLWKWETNQARTLCSGTGCDLGSADH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	53.2 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
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 after receiving vials.
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:	NP_080320
Locus ID:	67228



[View online »](#)

UniProt ID: [Q9CYU6](#)

RefSeq Size: 2952

Cytogenetics: 2 A3

RefSeq ORF: 1431

Synonyms: 2810443J12Rik; AW060693; Wdr85

Summary: Catalyzes the demethylation of diphthine methyl ester to form diphthine, an intermediate diphthamide biosynthesis, a post-translational modification of histidine which occurs in translation elongation factor 2 (EEF2).[UniProtKB/Swiss-Prot Function]