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Product datasheet for TP503797

Dph5 (NM_027193) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse diphthamide biosynthesis 5 (Dph5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203797 representing NM_027193 Red=Cloning site Green=Tags(s) MLYLIGLGLGDAKDITVKGLEVVRRCSRVYLEAYTSVLTVGKEALEEFYGRKLILADREEVEQEADNIFK DADVSDVAFLVVGDPFGATTHSDLILRATKLGIPYQVIHNASIMNAVGCCGLQLYRFGETVSIVFWTDTW RPESFFDKVKRNRANGMHTLCLLDIKVKEQSLENLIRGRKIYEPPRYMSVNQAAQQLLEIVQNHRARGEE PAITEETLCVGLARVGAEDQKIAAGTLQQMCTVSLGEPLHSLVITGGNLHPLEMEMLSLFSIPESQSTDG L TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	31.2 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_081469
Locus ID:	69740
UniProt ID:	Q9CWQ0

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RefSeq Size:	1610
Cytogenetics:	3 G1
RefSeq ORF:	843
Synonyms:	2410012M04Rik; AU045680; C80186
Summary:	S-adenosyl-L-methionine-dependent methyltransferase that catalyzes four methylations of the modified target histidine residue in translation elongation factor 2 (EF-2), to form an intermediate called diphthine methyl ester. The four successive methylation reactions represent the second step of diphthamide biosynthesis.[UniProtKB/Swiss-Prot Function]