

Product datasheet for **TP509003**

Dpysl2 (NM_009955) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dihydropyrimidinase-like 2 (Dpysl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR209003 representing NM_009955
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSYQGKKNIPRITSDRLLIKGGKIVNDDQSFYADIYMEDGLIKQIGENLIVPGGVKTIEAHSRMVIPGGI
DVHTRFQMPDQGMSTADFFQGTKAALAGGTTMIIDHVPEPGTSLLAAFDQWREWADSKSCCDYSLHVD
ITEWHKGIQEEMEALVKDHGVNSFLVYMAFKDRFQLTDSQIYEVLSVIRDIGAIQVHAENGDIIEEQQ
RILD LGITGPEGHVLSRPEEVEAEAVNRSITIANQTNCPYLVTKVMSKSAEIVIAQARKKGTVVYGEPI
ASLGTGSHYWSKNWAKAAAFVTSPLSPDPTTDFLNSLLSCGDLQVTGSAHCTFNATAQKAVGKDNFTL
IPEGTNGTEERMSVIWDKAVVTGKMDENQFVAVTSTNAAKVFNLYPRKGRISVGSADLVIWDPDSVKTI
SAKTHNSALEYNIFEGMECRGSPLVISQGKIVLEDGTLHVTEGSGRYIPRKPFPDFVYKRIKARSRLAE
LRGVPRGLYDGPVCEVSVTPKTVTPASSAKTSPAKQQAPPVRNLHQSGFSLSGAQIDDNIPRRTTQRIVA
PPGGRANITSLG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	62.3 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.



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RefSeq:	<u>NP_034085</u>
Locus ID:	12934
UniProt ID:	<u>O08553</u>
RefSeq Size:	4451
Cytogenetics:	14 34.6 cM
RefSeq ORF:	1716
Synonyms:	AI851130; Crmp2; DRP2; Musunc33; TOAD-64; Ulip2
Summary:	Plays a role in neuronal development and polarity, as well as in axon growth and guidance, neuronal growth cone collapse and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. May play a role in endocytosis. [UniProtKB/Swiss-Prot Function]