

## Product datasheet for **TP314821L**

### CRMP3 (DPYSL4) (NM\_006426) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dihydropyrimidinase-like 4 (DPYSL4), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>Peptide sequence encoded by RC214821 Blue=ORF Red=Cloning site Green=Tag(s)

MSFQGKKSIPRITSDRLLIRGGGRIVNDDQSFYADVHVEDGLIKQIGENLIVPGGIKTIDAHGLMVLPGG  
VDVHTRLQMPVLGMTPADDFCQGTGAALAGGTTMILDHVFPDTGVSLLAAYEQWRERADSAACCDYSLH  
VDITRWHESIKEELEALVKEKGVNSFLVFMAYKDRCQCSDSQMYEIFSIIRD LGALA QVHAENG DIVEE  
EQKRLLLELGITGPEGHVLSHPVEEAEAVYRAVTIAKQANCLYVTKVMSKGAADAIAQAKRRGVVFG  
EPITASLGTDGSHYWSKNWAKAAAFVTSPPVNPDPPTADHLTCLLSSGDLQVTGSAHCTFTTAQKAVGK  
DNFALIPEGTNGIEERMSMVWEKCVASGKMDENEFVAVTSTNAAKIFNFYPRKGRVAVGSDADLVIWNP  
KATKIISAKTHNLNVEYNIFEGVVECRGAPAVVISQGRVALEDGKMFVTPGAGRFVPRKTFPDFVYKRIK  
ARNRLAEIHGVPRGLYDGPVHEVMVPAKPGSGAPARASCPGKISVPPVRNLHQSGFSLSGSQADDHIAR  
RTAQKIMAPPGGRSNITSLS  
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Recombinant protein using RC214821 also available, [TP314821](#)

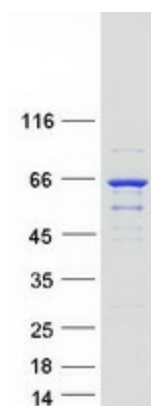
Tag:	C-Myc/DDK
Predicted MW:	61.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_006417</u>
<b>Locus ID:</b>	10570
<b>UniProt ID:</b>	<u>O14531</u>
<b>RefSeq Size:</b>	2699
<b>Cytogenetics:</b>	10q26.3
<b>RefSeq ORF:</b>	1716
<b>Synonyms:</b>	CRMP3; DRP-4; ULIP4
<b>Summary:</b>	Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified DPYSL4 protein (Cat# [TP314821]). The protein was produced from HEK293T cells transfected with DPYSL4 cDNA clone (Cat# [RC214821]) using MegaTran 2.0 (Cat# [TT210002]).