

#### OriGene Technologies, Inc.

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# Product datasheet for TP314821L

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

## **Product data:**

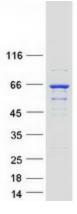
Description:Recombinant protein of human dihydropyrimidinase-like 4 (DPYSL4), 1 mgSpecies:HumanExpression Host:HEK233TExpression cDNA ClossPoptide sequence encoded by RC214821 Bu=ORF Red=Cloning site Green=Tag(s)White Species:MSFQGKKSIPRITSDRLLIRGGRIVNDDQSFYADVHVEDGLIKQIGENLIVPGGIKTIDAHGLMVLPGG VDHTRLQMPVLGMTPADDPCQGTKAALAGGTTMILDHVPDTGVSLLAAVEQWRERADSAACCDYSLH VDHTRVLGMTPADDPCQGTKAALAGGTTMILDHVPDTGVSLLAAVEQWRERADSAACCDYSLH VDHTRVLGMTPADDPCQGTKAALAGGTTMILDHVPDTGVSLLAAVEQWRERADSAACCDYSLH VDITRWHESIKEELELAUVKEKGVNSFLVFMAYKDRQCQSDS0MYEISIDGAALAQVHAABNGDIVEE EQKRLLELGTGPEGHVLSHPEEVEAAVYRAUTAKQAANCPLYTKWMSKAAAAQAVERADQVYFG EPTASLGTDGSHWSKNWAKAAAPTSPDVNPDPTTADHLTCLISSGDLQVTGSAHCTFTAQKAVKS SGTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:Combinant protein using RC214821 also available,TP314821Fag:CMs/cDKPredicted MW:S05 gr/fL as determined by microplate BCA methodOncentration:S05 gr/fL as determined by microplate BCA methodPurity:S05 mg/fL as determined by microplate BCA methodPurity:Combinant protein using RC14821 also available,TP314821Purity:S05 mg/fL as determined by microplate BCA methodPurity:S05 mg/fL as determined by microplate BCA methodPurity:S05 mg/fL as determined by microplate, Dift and gruptendPurity:S05 mg/fL as determined by microplate, Dift and gruptendPurity:S05 mg/fL as determined by microplate, Dift and gruptendPurity:S05 mg/fL and microplate, Dift and gruptendPurity:S05 mg/fL and gruptend protein was appresentionPurity:S05 mg/fL and gruptend protein was appresention<	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA CloopPeptide sequence encoded by RC214821 Blue=ORF Red=Cloning site Green=Tag(s)MSFQGKKSIPRITSDRLLIRGGRIVNDDQSFYADVHVEDGLIKQIGENLIVPGGIKTIDAHGLMVLPGG VDVHTRLQMPVLGMTPADDFCQTKAALAGGTTMILDHVFPDTGVSLLAAYEQWRERADSAACCDYSLH VDITRWHESIKEELEALVKEKGVNSFLVFMAYKDRQCDSDSQMVEIFSIIRDLGALAQVHAENGDIVEE EQKRLLELGITGPEGHVLSHPEEVEAEAVYRAVTIAKQANCPLYVTKWSKGAADAIAQAKRRGVVFG EPITASLGTDGSHYWSKNWAKAAAFTSPPVNPDPTADHLTCLLSSGDLQVTGSAHCTFTTAQKAVGK DNFALIPEGTNGIEERMSMWEKCVASGKMDENEFVAVTSTNAAKIFNPYPRKGRVAVGSDADLIVNP KATKIISAKTHNLNVEVNIEGSVECRGAPAVVISQGRVALEDGKMFVTPGAGRFVPRRTTPDFVYKRIK ARNRLAEIHGVPRGLYDGPVHEVMVPAKPGSGAPARASCPGKISVPPVRNLHQSGFSLSGSQADDHIAR RTAQXIMAPPGGRSNITSLS SGTPTRTPLEQKLISEEDLAANDILDYKDDDDKVTag:CMyc/DDKPredicted MW:61.7 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.51 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For esting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Description:	Recombinant protein of human dihydropyrimidinase-like 4 (DPYSL4), 1 mg
Expression cDNA Clon>Peptide sequence encoded by RC214821 Blue=ORF Red=Cloning site Green=Tag(s)MSFQGKKSIPRITSDRLLIRGGRIVNDDQSFYADVHVEDGLIKQIGENLIVPGGIKTIDAHGLMVLPGG VDVHTRLQMPVLGMTPADDFCQGTKAALAGGTTMILDHVFPDTGVSLLAAYEQWRERADSAACCDYSLH VDITRWHESIKEELEALVKEKGVNSFLVFMAYKDRCQCSDSQMYEIFSIIRDLGALAQVHAENGDIVEE EQKRLLELGITGPEGHVLSHPEEVEAEAVYRAVTIAKQANCPLYVTKVMSKGAADAIAQAKRGVVVFG EPITASLGTDGSHTVDSKLAAYEQWRERADSAACCDYSLH NDFALIPEGTNGIEERMSMWWEKCVASGKMDENEFVAVTSTNAAKIFNFYPKKGRVAOGSADALVIWNP KATKLISAKTHNLNVEVNIFEGVECRGAPAVISQGRVALEDGKMFVTPGAGRPPPRKTFPDFVYKRIK RARNRLAEIHGVPRGLYDGPVHEVMVPAKPGSGAPARASCPGKISVPPVRNLHQSGFSLSGSQADDHIAR RTAQKIMAPPGGRSNITSLS SOFTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:61.7 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:0.05 µg/µL as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, PH 7.3, 10% glycerolPreparation:60.05 µg/µL as determined by SDS-PAGE and Coomassie blue stainingNote:For testing in cell culture applications, please filter before use. Note that you may experience som loss of protein during the filtration process.	Species:	Human
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Concentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation: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.	Tag:	C-Myc/DDK
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some loss of protein during the filtration process.	Preparation:	
Storage: Store at -80°C.	Note:	
	Storage:	Store at -80°C.



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	CRMP3 (DPYSL4) (NM_006426) Human Recombinant Protein – TP314821L
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>NP 006417</u>
Locus ID:	10570
UniProt ID:	<u>014531</u>
RefSeq Size:	2699
Cytogenetics:	10q26.3
RefSeq ORF:	1716
Synonyms:	CRMP3; DRP-4; ULIP4
Summary:	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]).

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