

Product datasheet for PH314821

CRMP3 (DPYSL4) (NM_006426) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DPYSL4 MS Standard C13 and N15-labeled recombinant protein (NP_006417)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214821
Predicted MW:	61.9 kDa
Protein Sequence:	>Peptide sequence encoded by RC214821 Blue=ORF Red=Cloning site Green=Tag(s)

MSFQGKKSIPRITSDRLLIRGGRIVNDQSFYADVHVEDGLIKQIGENLIVPGGIKTIDAHLMLVLPGG
VDVHTRLQMPVLGMPADDFCQGTKAALAGGTTMILDHVFPTDGVSLLAAYEQWRERADSAACCDYSLH
VDITRWHESIKEELEALVKEKGVNSFLVFMAYKDRQCSDSQMYEIFSIIIRDLGALAQVHAENGDIIVEE
EQKRLLELGITGPEGHVLSHPPEVEAEAVYRAVTIAKQANCPLYVTKVMSKGAADIAQAKRRGVVVFV
EPITASLGTGSHYWSKNWAKAAAFVTSPPVNPDPPTADHLTCLLSSGDLQVTGSAHCTFTTAQKAVGK
DNFALIPETNGIEERMSMVWEKCVASGKMDENEFVAVTSTNAAKIFNFYPRKGRVAVGSDADLVIWNP
KATKIISAKTHNLNVEYNI FEGVECRGAPAVVISQGRVALEDGKMFVTPGAGRFVPRKTFPDFVYKRIK
ARNRLAEIHGVPRLYDGPVHEVMVPAKPGSGAPARASCPGKISVPPVRNLHQSGFSLSGSQADDHIAR
RTAQKIMAPPGGRSNITSLS
SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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

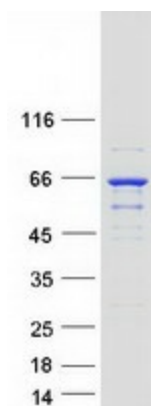
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006417
RefSeq Size:	2699



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RefSeq ORF:	1716
Synonyms:	CRMP3; DRP-4; ULIP4
Locus ID:	10570
UniProt ID:	O14531
Cytogenetics:	10q26.3
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]).