

Product datasheet for PH313488

CRMP4 (DPYSL3) (NM_001387) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DPYSL3 MS Standard C13 and N15-labeled recombinant protein (NP_001378)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213488
Predicted MW:	61.8 kDa
Protein Sequence:	>RC213488 representing NM_001387 Red=Cloning site Green=Tags(s)

MSYQGKKNI PRITSDRLLIKGGRI VNDQSFYADIYMEDGLIKQIGDNLIVPGGVKTIEANGKMVIPGGI
DVHTHFQMPYKGMTTVDFFQGTKAALAGGTTMIIDHVPEPESSLTEAYEKREWADGKSCCDYALHVD
ITHWNSVKQEVQNLIKDKGVNSFMVY MAYKDL YQVSNTELYEIFTCLGELGAI AQVHAENGDI IAQEQT
RMLEMGITGPEGHVL SRPEELEAEAVFRAITIASQTNCPLYVTKVMSKSAADLISQARKKGNVVFGEPI
ASLGIDGTHYWSKNWAKAAAFVTSPLSPDPTPDYINSL LASGDLQLSGSAHCTFSTAQKAIGKDNFTA
IPEGTNGVEERMSVIWDKAVATGKMDENQFVAVTSTNAAKIFNL YPRKGRISVGSDDLVIWDPDAVKIV
SAKNHQSAAEYNI FEGMELRGAPLVVICQGKIMLEDGNLHVTQGAGRIFPCSPFSDYVYKRIKARRKMD
LHAVPRGMYDGPVFDLTTTPKGGTPAGSARGSPTRPNPPVRNLHQSGFSLSGTQVDEGVRSAKRIVAPP
GGRSNITSLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

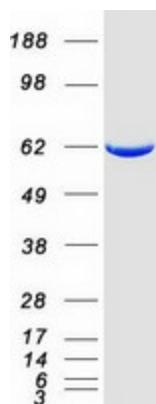
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_001378
RefSeq Size:	5066
RefSeq ORF:	1710



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Synonyms:	CRMP-4; CRMP4; DRP-3; DRP3; LCRMP; ULIP; ULIP-1
Locus ID:	1809
UniProt ID:	Q14195 , Q8IXW6
Cytogenetics:	5q32
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 DPYSL3 protein (Cat# [TP313488]). The protein was produced from HEK293T cells transfected with DPYSL3 cDNA clone (Cat# [RC213488]) using MegaTran 2.0 (Cat# [TT210002]).