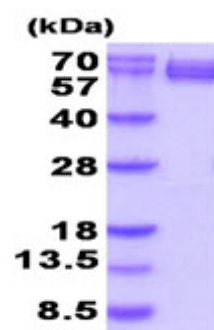


AR51839PU-N

Human CRMP1 / DPYSL1 (1-572, His-tag) - Purified

Alternate names:	Collapsin response mediator protein 1, DRP-1, Dihydropyrimidinase-related protein 1, ULIP3, Unc-33-like phosphoprotein 3
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	CRMP1 also known as Dihydropyrimidinase-related protein 1 isoform2. It is necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. It plays a role in axon guidance, invasive growth and cell migration and may participate in cytokinesis.
Uniprot ID:	Q14194
NCBI:	NP_001304
GeneID:	1400
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT, 0.2mM PMSF.
Description:	Recombinant human CRMP1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SGLVPRGSH MGSEFMSYQG KKSIPHITSD RLLIKGGRII NDDQSLYADV YLEDGLIKQI GENLIVPGGV KTIEANGRMV IPGGIDVNTY LQKPSQGMTA ADDFFQGTRA ALVGGTTMII DHVVPEPGSS LLTSFEKWHE AADTKSCCDY SLHVDITSWY DGVREELEVL VQDKGVNSFQ VYMAYKDVYQ MSDSQLYEA TFLKGLGAVI LVHAENGDLI AQEQKRILEM GITGPEGHAL SRPEELEAEA VFRAITIAGR INCVPYITKV MSKSAADI IA LARKKGPLVF GEPIAASLGT DGTHYWSKNW AKAAAFVTSP PLSPDPTTPD YLTSLACGD LQVTGSGHCP YSTAQKAVGK DNFTLIPEGV NGIEERMTVV WDKAVATGKM DENQFVAVTS TNAAKIFNLY PRKGRIAVGS DADVVIWDPD KLKTITAKSH KSAVEYNIFE GMECHGSPLV VISQGKIVFE DGNINVNKGM GRFIPRKAFP EHLYQRVKIR NKVFGLQGV S RGMYPGPVYE VPATPKYATP APSAKSSPSK HQPPPIRNLH QSNFSLSGAQ IDDNPRRTG HRIVAPPGGR SNITSLG Molecular weight: 64.8 kDa (597aa) Multiple bands
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Shih J.-Y. et al. (2001) J. Natl. Cancer Inst. 93:1392-1400. Chen T.C. et al. (2009) J. Proteome Res. 8:4943-4953.

Pictures:



15% SDS-PAGE (3ug)