

Product datasheet for **TP300483**

CRMP1 (NM_001313) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human collapsin response mediator protein 1 (CRMP1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200483 protein sequence Red =Cloning site Green =Tags(s)

MSYQGKKSIPHITSDRLLIKGGRIINDDQSLYADVLEDGLIKQIGENLIVPGGVKTIENGRMVIPGGI
DVNTYLQKPSQGMTAADDFFQGTRAALVGGTTMIIDHVPEPGSSLLTSFEKWHEAADTKSCCDYSLHVD
ITSWYDGVREELEVLVQDKGVNSFQVY MAYKD VYQMSDSQLYEAF TFLKGLGAVILVHAENGLIAQE QK
RILEMGITGPEGHALSRPEELEAEAVFRAITAGRINCPVYITKVMKSAADI ALARKKGPLVFG EPIA
ASLGTGDGTHYWSKNWAKAAAFVTSPLSPDPTTPDYLTSLACGDLQVTGSGHCPYSTAQKAVGKDNFTL
IPEGVNGIEERMTVVWDKAVATGKMDENQFVAVTSTNAAKIFNLYPRKGRIAVGSDADVIWDPDKLTI
TAKSHKSAVEYNIFEGMECHGSPLVVISQGVKVFEDGNINVNKGMGRFIPRKAPEHLYQRVKIRNKVFG
LQGVSRGMYDGPVYV PATPKYATPAPS AKSSPSKHQPPPIRNLHQSNFSLSGAQIDNNPRRTGHRIVA
PPGGRSNITSLG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

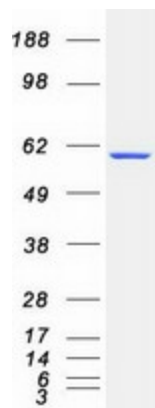
Tag:	C-Myc/DDK
Predicted MW:	62 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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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:	NP_001304
Locus ID:	1400
UniProt ID:	Q14194 , Q96I11
RefSeq Size:	3074
Cytogenetics:	4p16.2
RefSeq ORF:	1716
Synonyms:	CRMP-1; DPYSL1; DRP-1; DRP1; ULIP-3
Summary:	This gene encodes a member of a family of cytosolic phosphoproteins expressed exclusively in the nervous system. The encoded protein is thought to be a part of the semaphorin signal transduction pathway implicated in semaphorin-induced growth cone collapse during neural development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified CRMP1 protein (Cat# TP300483). The protein was produced from HEK293T cells transfected with CRMP1 cDNA clone (Cat# [RC200483]) using MegaTran 2.0 (Cat# [TT210002]).