

## Product datasheet for **TP300483M**

### 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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200483 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSYQGKKSIPHITSDRLLIKGGRIINDDQSLYADVLEDGLIKQIGENLIVPGGVKTIENGRMVIPGGI  
DVNTYLQKPSQGMTAADDFFQGTRAALVGGTTMIIDHVVPEPGSSLLTSFEKWHEAADTKSCCDYSLHVD  
ITSWYDGVREELEVLVQDKGVNSFQVY MAYKD VYQMSDSQLYEAF TFLKGLGAVILVHAENGDLIAQE QK  
RILEMGITGPEGHALSRPEELEAEAVFRAITAGRINCPVYITKVMKSAADIALARKKGPLVFGPIA  
ASLGTGDGTHYWSKNWAKAAAFVTSPLSPDPTTPDYLTSLACGDLQVTGSGHCPYSTAQKAVGKDNFTL  
IPEGVNGIEERMTVVWDKAVATGKMDENQFVAVTSTNAAKIFNLYPRKGRIAVGSDADVVIWDPDKLTI  
TAKSHKSAVEYNIFEGMECHGSPLVVISQGVKVFEDGNINVNKGMGRFIPRKAPEHLYQRVKIRNKVFG  
LQGVSRGMYDGPVYV PATPKYATPAPSAKSSPSKHQPPPIRNLHQSNFSLSGAQIDDNNPRRTGHRIVA  
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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001304</a>
<b>Locus ID:</b>	1400
<b>UniProt ID:</b>	<a href="#">Q14194</a> , <a href="#">Q96I11</a>
<b>RefSeq Size:</b>	3074
<b>Cytogenetics:</b>	4p16.2
<b>RefSeq ORF:</b>	1716
<b>Synonyms:</b>	CRMP-1; DPYSL1; DRP-1; DRP1; ULIP-3
<b>Summary:</b>	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]).