

Product datasheet for TP300483M

OriGene Technologies, Inc.

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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 >RC200483 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MSYQGKKSIPHITSDRLLIKGGRIINDDQSLYADVYLEDGLIKQIGENLIVPGGVKTIEANGRMVIPGGI DVNTYLQKPSQGMTAADDFFQGTRAALVGGTTMIIDHVVPEPGSSLLTSFEKWHEAADTKSCCDYSLHVD ITSWYDGVREELEVLVQDKGVNSFQVYMAYKDVYQMSDSQLYEAFTFLKGLGAVILVHAENGDLIAQEQK RILEMGITGPEGHALSRPEELEAEAVFRAITIAGRINCPVYITKVMSKSAADIIALARKKGPLVFGEPIA

ASLGTDGTHYWSKNWAKAAAFVTSPPLSPDPTTPDYLTSLLACGDLQVTGSGHCPYSTAQKAVGKDNFTL IPEGVNGIEERMTVVWDKAVATGKMDENQFVAVTSTNAAKIFNLYPRKGRIAVGSDADVVIWDPDKLKTI TAKSHKSAVEYNIFEGMECHGSPLVVISQGKIVFEDGNINVNKGMGRFIPRKAFPEHLYQRVKIRNKVFG LQGVSRGMYDGPVYEVPATPKYATPAPSAKSSPSKHQPPPIRNLHQSNFSLSGAQIDDNNPRRTGHRIVA

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: <u>NP 001304</u>

Locus ID: 1400

UniProt ID: <u>Q14194</u>, <u>Q96111</u>

RefSeq Size: 3074 Cytogenetics: 4p16.2 RefSeq ORF: 1716

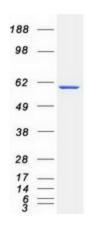
Synonyms: CRMP-1; DPYSL1; DRP-1; DRP1; ULIP-3

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]).