

Product datasheet for **SC301957**

CRMP1 (NM_001014809) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRMP1 (NM_001014809) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRMP1
Synonyms:	CRMP-1; DPYSL1; DRP-1; DRP1; ULIP-3
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001014809, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGACCGGCGGCGCGCTGGAACACCGAGGACGACCTGCCCGTGTACCTGGCGCGG
CCGGGCAGCGCGGCGCAGACCCCGCCAGAAGTACGGCGGCATGTTCCGCCGGTGGAG
GGCGCCTACGAGAACAAGACCATCGACTTCGACGCCTACAGTGTGGGCCCGCGGCTCG
GCGGCGACGCCGCGCAGCGCTGGCCGGCCGACGCGGTCCGGCTGCCAGGGCCGGGAGGC
AGCGAGGACACCGCCAGCGACGTGAGCGAGCCCTCGGGCTCCGCGGTGAGCTCTCCGGGA
GAGCGCGACGAGCGGCCCGCCGACGCTGCGCATCCGCCGCCCGCGCCCGGACCTGCC
CTCGGCCGGGACAATGGCCAGAGTGACCGACTCCTCATCAAAGGTGGACGGATCATCAAC
GATGACCAATCCCTTTATGCTGACGTCTACCTGGAGGATGGACTTATCAAACAAATAGGA
GAGAACTTAATCGTTCCTGGTGGAGTGAAGACATTGAAGCCAACGGGCGGATGGTTATT
CCCGGAGGTATTGATGTCAACACGTACCTGCAGAAGCCCTCCAGGGGATGACTGCGGCT
GATGACTTCTTCAAGGGACCAGGGCGGCACTGGTGGCGGGACCACGATGATCATTGAC
CATGTTGTTCTGAACCTGGGTCCAGCCTACTGACCTCTTTCGAGAAGTGGCACGAAGCA
GCTGACACCAAACTCTGTGTGATTACTCCCTCCACGTGGACATCACAAGCTGGTACGAT
GGCGTTCCGGGAGGAGCTGGAGGTGCTGGTGCAGGACAAAGGCGTCAATTCCTTCCAAGTC
TACATGGCCTATAAGGATGTCTACCAAATGTCCGACAGCCAGCTCTATGAAGCCTTTACC
TTCTTAAGGGCCTGGGAGCTGTGATCTTGGTCCATGCAGAAAATGGAGATTTGATAGCT
CAGGAACAAAAGCGGATCCTGGAGATGGGCATCACGGGTCCCAGGGCCATGCCCTGAGC
AGACCTGAAGAGCTGGAGGCCGAGGCGGTGTTCCGGGCCATCACCATTGCGGGCCGGATC
AACTGCCCTGTGTACATACCAAGGTGATGAGCAAGAGTGCAGCCGACATCATCGCTCTG
GCCAGGAAGAAAGGGCCCTAGTTTTTGGAGAGCCATTGCCGCCAGCCTGGGGACCGAT
GGCACCCATTACTGGAGCAAGAAGTGGCCAAAGGCTGCGGCGTTGCTGACTTCCCCTCCC
CTGAGCCCGGACCTACCACGCCGACTACTTGACCTCCCTACTGGCCTGTGGGGACTTG
CAGGTCACAGGCAGCGGCCACTGTCCCTACAGCACTGCCAGAAGGCGGTGGGCAAGGAC
AACTTTACCCTGATCCCCGAGGGTGTCAACGGGATAGAGGAGCGGATGACGGTCTGCTGG
GACAAGGCGGTGGCTACTGGCAAATGGATGAGAACCAGTTTGTGCTGTGACACGACACC
AATGCAGCAAGATCTTTAACCTGTACCAAGGAAAGGGCGGATTGCCGTGGGCTCGGAT
GCCGACGTGGTCACTGGGACCCCGACAAGTTGAAGACCATAACAGCCAAAAGTCACAAG
TCGGCGGTGGAGTACAACATCTTCGAGGGTATGGAGTGCACGGCTCCCCACTAGTGGTC
ATCAGCCAGGGCAAGATCGTCTTTGAAGACGGAACATCAACGTCAACAAGGGCATGGGC
CGCTTCATTCGCGGAAGGCGTTCGCGGAGCACCTGTACCAGCGCGTCAAATCAGGAAT
AAGGTTTTTGGATTGCAAGGGGTTTCCAGGGGCATGTATGACGGTCTGTGTACGAGGTA
CCAGCTACACCCAAATATGCAACTCCCGCTCCTTCAGCCAAATCTTCGCCTTCTAAACAC
CAGCCCCACCCATCAGAAACCTCCACCAGTCCAATTGAGTTATCAGGTGCCAGATA
GATGACAACAATCCCAGGCGCACCGGCCACCGCATCGTGGCGCCCTGGTGGCCGCTCC
AACATCACCAGCCTCGGTTGA
    
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Restriction Sites: Please inquire

ACCN: NM_001014809

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001014809.1</u> , <u>NP_001014809.1</u>
RefSeq Size:	3155 bp
RefSeq ORF:	2061 bp
Locus ID:	1400
UniProt ID:	<u>Q14194</u>
Cytogenetics:	4p16.2
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longest protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>