

Product datasheet for **RG238917**

CRMP1 (NM_001288662) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRMP1 (NM_001288662) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CRMP1
Synonyms:	CRMP-1; DPYSL1; DRP-1; DRP1; ULIP-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238917 representing NM_001288662.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
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CAGTCCAACCTCAGCTTATCAGGTGCCAGATAGATGACAACAATCCCAGGCGCACCGGCCACCGCATC
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Protein Sequence:

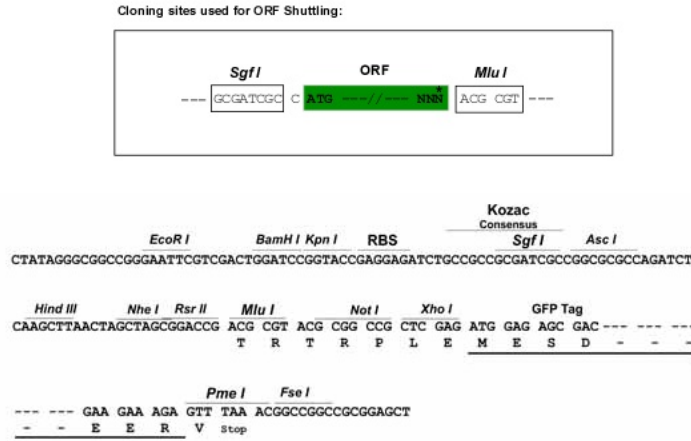
>Peptide sequence encoded by RG238917
 Blue=ORF Red=Cloning site Green=Tag(s)

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MRTTGAHSDRLLIKGRIINDDQSLYADVYLEDLIKQIGENLIVPGVKTIEANGRMIVIPGGIDVNTY
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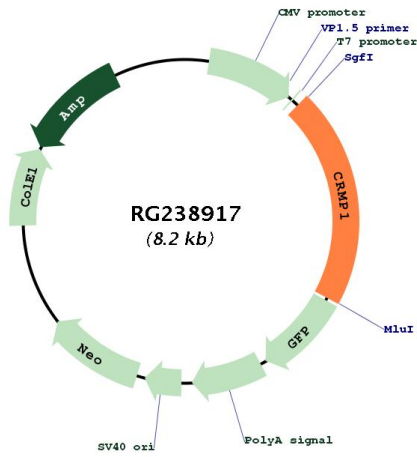
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001288662

ORF Size: 1698 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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).
RefSeq:	NM_001288662.1 , NP_001275591.1
RefSeq Size:	3101 bp
RefSeq ORF:	1701 bp
Locus ID:	1400
UniProt ID:	Q14194
Cytogenetics:	4p16.2
MW:	61.9 kDa
Gene 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]