

Product datasheet for **SC330303**

CRMP5 (DPYSL5) (NM_001253724) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CRMP5 (DPYSL5) (NM_001253724) Human Untagged Clone
Tag: Tag Free
Symbol: DPYSL5
Synonyms: CRAM; CRMP-5; CRMP5; CV2; Ulip6
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330303 representing NM_001253724.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

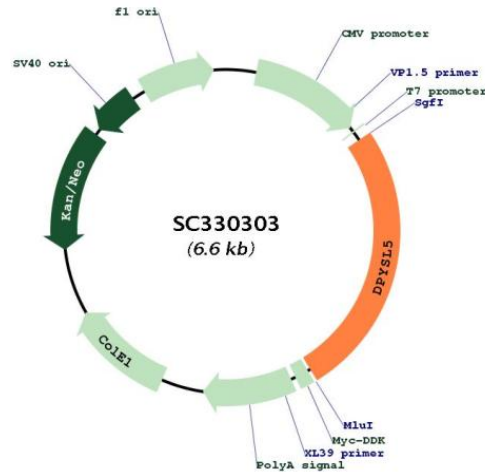
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001253724

Insert Size: 1695 bp

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).

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:

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: [NM_001253724.1](#)

RefSeq Size: 5145 bp

RefSeq ORF: 1695 bp

Locus ID: 56896

UniProt ID: [Q9BPU6](#)

Cytogenetics: 2p23.3

Protein Pathways: Axon guidance

MW: 61.4 kDa

Gene Summary: This gene encodes a member of the CRMP (collapsing response mediator protein) family thought to be involved in neural development. Antibodies to the encoded protein were found in some patients with neurologic symptoms who had paraneoplastic syndrome. A pseudogene of this gene is found on chromosome 11. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Dec 2011]
Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.