

Product datasheet for **MC219083**

Dpysl5 (NM_023047) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpysl5 (NM_023047) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpysl5
Synonyms:	CRAM; CRMP-5; Crmp5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219083 representing NM_023047
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTTGCCAATTCAGCCAGCGTGCGGATTCTCATCAAGGGAGGCAAGGTGGTGAACGATGACTGTACCC
ACGAGGCAGACGTCTACATCGAGAGCGGCATCATCCAGCAGGTGGGCCGTGAGCTCATGATCCCGGTGG
GGCCAAGGTGATTGACGCCACCGGAAACTGGTGATCCCGGGAGGGATTGACACCAGCACCCACTTCCAC
CAGACCTTCATGAACGCCACCTGTGTGGACGACTTCTACCATGGGACCAAGGCGGCCCTCGTTGGAGGCA
CCACCATGATCATCGGTCACGTCCTGCCAGACAAGGAGACCTCCCTCGTGAAGCCTATGAGAAGTGACG
GGCTCTAGCTGACCCCAAGGTCTGCTGTGACTATGCCCTCCATGTGGGGATCACCTGGTGGGCACCCAAAG
GTGAAAGCAGAAATGGAGACACTGGTGCAGGAGAAAGGGGTCAACTCCTCCAGATGTTTCATGACCTACA
AGGACTTGTACATGCTTCGAGACAGTGTGACTGTACCAAGTGTTCATGCCTGCAGGGACATCGGGGCGAT
CCCCCGGTCCACGCTGAAAATGGAGAGCTCGTGGCTGAGGGTGTAAAGGAGCTCTAGACTTGGGTATC
ACAGGCCAGAAAGGAATCGAGATCAGCCATCCAGAGGAGCTGGAAGCAGAAAGCCACTCACCGTGTATCA
CCATTGCAAACCGGACTCACTGTCCCATCTACCTGGTCAATGTGTCTAGTATCTCAGCTGGTGTATGTCAT
TGCAGTGCTAAGATGCAAGGGAAGGTGGTGTAGCCGAGACCACCAACGCACACGCCACGCTCACGGGC
TTGCACTACTACCATCAGGACTGGTCGATGCAGCCGCTATGTCACGGTGCCTCCTCTGAGACTGGACA
CCAACACTTCCACCTACCTCATGAGCCTGCTGGCAATGACACTCTGAACATTGTGGCATCCGATCACCG
GCCATTCACCACAAGCAGAAAGCCATGGGCAAGGAAGACTTCACTAAGATCCCCACGGTGTGAGCGGT
GTACAGGATCGAATGAGCGTCGTCTGGGAGAGGGCGTGGTTGGAGGAAAGATGGATGAGAACCCTTTCG
TGGCCGTCACCAAGTCTAACGCAGCCAAGATCCTCAACTGTATCCTCGCAAGGGCCGATCATCCCCGG
AGCCGACGCTGATGTCGTGGTGTGGGACCCGGAAGCCACAAGACCATCTCAGCCAGCACCCAGGTGCAG
GGTGGAGACTTCAATCTGTATGAGAACATGCGCTGCCACGGTGTACCGCTGGTACCATCAGCCGGGAC
GAGTCGTGTATGAGAACGGCTTTCATGTGTGCAGAGGGCACTGGCAAGTCTGTCCCCTGCGGTCTTT
CCCAGACATTGTCTATAAGAAGCTGGTACAGAGAGAGAAGACCTTAAAAGTGAAGGGGAGTGGACCGCACT
CCCTACCTAGGGGATGTCGCCATTGTTGTCCACCCTGGGAAAAAGAGATGGGAACACCATTGGCAGACA
CGCCACACGGCCAGTACCCGGCACGGGGCATGCGGGACCTTCATGAATCCAGTTTCAGCCTCTCTGG
TTCTCAGATCGATGACCACGTTCAAAGCGGGCCTCAGCTCGGATCCTTGCGCCCTGGAGGCAGGTCCG
AGCGGTATTTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_023047

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_023047.2](#), [NP_075534.1](#)

RefSeq Size: 5077 bp

RefSeq ORF: 1695 bp

Locus ID: 65254

UniProt ID: [Q9EQF6](#)

Cytogenetics: 5 B1

Gene Summary: May have a function in neuronal differentiation and/or axon growth.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Variants 1 and 2 both encode the same isoform (a). 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.