

Product datasheet for **RN203227**

Dpysl4 (NM_012933) Rat Untagged Clone

Product data:

| | |
|---------------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Dpysl4 (NM_012933) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Dpysl4 |
| Synonyms: | Crmp3; Dpysl4 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN203227 representing NM_012933
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTTCCAAGCAAGAAGAGCATTCCCCGGATAACGAGTGACCGCCTTCTCATCAAAGTGGGAAGA
 TTGTGAATGATGACCAGTCCTTTCATGCGGATCTCTACGTGGAGGACGGTCTGATTAACAAATTGGAGA
 AAATCTTATCGTCCCTGGGGGAATCAAAACCATCGATGCTCATGGTCTGATGGTACTGCCTGGGGGAGTT
 GACGTCCACACCCGGCTGCAGATGCCTGTGCTGGGCATGACCCAGCCGATGATTTCTGTGAGGGCACCA
 AGGCTGCCCTAGCAGGCGGGACCACGATGATATTGGACCATGTGTTTCTGATGCTGGCGTGAGCCTGCT
 GGCGGCCATGAGCAGTGGCGGGAGCGAGCAGACAGTGCAGCCTGCTGTGACTACTCCTTACACGTGGAC
 ATCCCCGCTGGCATGAGAGCACAAAGAGGAGCTGGAGGCCCTAGTCAGGGACAAAGGTGTGAACCTCT
 TCCTGGTCTTCATGGCTACAAGGACAGGTGCCAGTGTACTGATGGCCAGATATATGAAATCTTCAGCCT
 CATCCGGGACCTGGGAGCTGTGGCCAGGTGCATGCAGAAAACGGGGACATCGTGGAGGAGGAACAGAAG
 CGCCTGCTGGAGCAGGGCATCACTGGTCCCTGAGGGCCATGTGCTCAGCCACCCAGAAGAGGTAGAGGCCG
 AAGCTGTGTACAGAGCTGTGACCATTGCCAAGCAGGCCAACTGCCCACTGTATATACCAAGGTGATGAG
 CAAGGGTGC GGCTGATATGGTTGCCAAGCCAAGCGCAGGGGGTGGTCGTCTTTGGGAACTATCACT
 GCCAGCCTGGGCACTGATGGCTCACACTACTGGAGCAAGAACTGGGCCAAGGCTGCAGCCTTCGTACAT
 CACCCCTATCAACCCGGACCCTACTACTGCAGACCACCTCACCTCTCTGCTGTCCAGTGGGGACCTCCA
 GGTGACAGGCAGTGCACACTGCACCTTCACTACTGCCAGAAGGCTGTTGGCAAAGATAACTTCACGCTG
 ATCCCCGAGGGCATCAACGGTATAGAAGAACGCATGTCTGTGGTCTGGGAGAAATGTGTGGCTTCAGGGA
 AAATGGACGAGAATGAGTTCGTTGCCGTGACCAGCACAAATGCTGCCAAAATCTTCAATTTACCCCGAG
 GAAGGGCGTGTGGCTGTGGGCTCTGATGCTGACCTGGTCTCTGGAACCCAGGGCCACAAAAGTCATC
 TCTGCCAAGAGCCATAACCTGAATGTAGAGTACAACATCTTGAAGGAGTGGAGTGCAGAGGCATGCCCA
 CGGTGGTGCATAAGTCAGGGCAGAGTGGTCTGGAGGACGGAACCTGCTTGTCACTCCAGGGGCTGGCCG
 CTTTCATCCCCGGAAGACATTCCAGACTTTGTCTATAAGAGGATAAAGGCTCGTAACAGGCTAGCAGAG
 ATCCACGGTGTGCCCGAGGCCTGTATGATGGCCTGTCCACGAAGTGTGTTACCTGCCAAGCCAGGGA
 GCGGCACACAAGCCCGTGCATCCTGTCCAGGCAAGATCTCAGTCCACCCGTGCCAACCTGCACCAGTC
 AGGTTACAGCCTATCTGGCTCTCAGGCTGACGATCACATTGCCAGACGCACAGCTCAGAAGATCATGGCA
 CCCCCGGAGGACGCTCCAACATCACTTCACTTTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_012933
- Insert Size:** 1719 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_012933.1](#), [NP_037065.1](#)

RefSeq Size: 2644 bp

RefSeq ORF: 1719 bp

Locus ID: 25417

UniProt ID: [Q62951](#)

Cytogenetics: 1q41

Gene Summary: protein that may regulate neuronal plasticity by transducing signals from semaphorins [RGD, Feb 2006]