

Product datasheet for **RN205126**

Dpysl3 (NM_012934) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpysl3 (NM_012934) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dpysl3
Synonyms:	Crmp4; TUC-4b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205126 representing NM_012934
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCTACCAGGCAAGAAGAACATTCCTCGGATCACGAGTGACCGTCTTCTAATCAAGGGAGGGAGAA
 TCGTCAACGATGATCAGTCCTTTTATGCTGATATTACATGGAGGATGGCTTGATAAAGCAAATGGAGA
 CAATCTGATTGTCCCTGGAGGTGTGAAGACCATTGAGGCCAATGGGAAGATGGTGTGCCTGGAGGCATT
 GATGTCCATACCCACTTCCAGATGCCTTACAAGGGGATGACCACAGTGGACGATTTCTTCCAAGGGACAA
 AGGCTGCCTTAGCGGGAGGAACCACCATGATCATTGACCATGTGGTACCTGAACCTGAGTCTAGCCTGAC
 CGAGGCCATGAAAAGTGGCGTGAGTGGCTGACGGGAAGAGCTGCTGTGACTATGCTTTGCATGTGGAC
 ATCACCCTGGAATGACAGCGTCAAGCAAGAGGTGCAGAACCTCAGTAAGGAAAAAGCGTTAACTCCT
 TCATGGTTTACATGGCATACAAGGATTTATATCAAGTGTCCAACACAGAGCTCTATGAGATCTTCACCTG
 CCTGGGAGAACTGGGGCCATTGCTCAAGTTCATGCCGAGAATGGAGACATCATTGCCCAGGAGCAGGCA
 CGAATGCTGGAATGGGAATAACAGGCCAGAAGGTCATGTTCTGAGCAGACCGGAAGAGCTGGAAGCTG
 AGGCTGTGTTCCGTGCCATCACCGTCGCCAGCCAGACCAACTGCCCCCTTTATGTCACCAAGGTCATGAG
 CAAGAGCGCGGCTGATCTCATCTACAAGCCAGGAAGAAAGGAAATGTGGTCTTTGGCGAGCCCATCACT
 GCCAGCCTGGGAATAGATGGAACCCATTACTGGAGTAAGAAGTGGGCCAAGGCAGCTGCATTTGTGACAT
 CCCACCTCTGAGCCCTGACCAACCACACCTGACTACATCAACTCCTTGCTGGCCAGTGGAGATCTGCA
 GCTCTCTGGAAGTGGCCACTGTACCTTCAGCACTGCCAGAAAGCCATTGGGAAGGACAACCTCACGGCT
 ATCCCTGAGGGCACCAATGGCGTGGAGGAGCGTATGTCTGTCTGTTGGACAAGGCTGTGGCCACAGGGA
 AGATGGATGAAAACCAAGTTTGTGGCTGTGACAAGTACCAACGCTGCCAAGATATTCAACCTGACCTCG
 CAAGGGGAGAATAGCTGTGGTCTGACAGCGACCTTGTCTGTTGGATCCAGATGCCGTGAAGATCGTC
 TCTGCCAAGAACCACAGTCGGTTGCGGAATACAACATCTTTGAAGGGATGGAGCTGCGTGGGGCACCTC
 TGGTGGTTATCTGCCAGGGCAAGATCATGCTGGAAGATGGTAACCTGCACGTGACCCAGGGGGCCGGCCG
 CTTTCATCCCTGCAGCCATTCTCTGACTATGTCTATAAGCGCATTAAAGCAAGGAGGAAGATGGCGGAC
 CTGCATGCAGTCCAAGAGGCATGTATGATGGACCAGTGTGACTTGACCACCACCCCAAGGGGGGCA
 CCCCAGCTGGCTCTACTCGAGGCTCTCCACTCGGCCAAACCCACAGTGAGGAACCTCCATCAGTCGGG
 ATTTAGTCTGTCAGGCACCAAGTGATGAGGGTGTCCGCTCAGCCAGCAAACGCATTGTGGCGCCCTT
 GGAGGCCGTTCTAACATCACATCCCTGAGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_012934
- Insert Size:** 1713 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_012934.1](#), [NP_037066.1](#)

RefSeq Size: 1792 bp

RefSeq ORF: 1713 bp

Locus ID: 25418

UniProt ID: [Q62952](#)

Cytogenetics: 18p11-q11

Gene Summary: protein expressed in the nervous system during development that may be involved in neuronal plasticity, neurite growth and extension, and may serve as a ligand of the extracellular matrix during brain development [RGD, Feb 2006]