

Product datasheet for **RN209376**

Dpysl2 (NM_001105717) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpysl2 (NM_001105717) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dpysl2
Synonyms:	Crmp2; TOAD-64
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209376 representing NM_001105717
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTTATCAGGGGAAGAAAAATATTCCACGCATCACGAGCGATCGTCTTCTGATCAAAGGTGGCAAGA
 TTGTGAATGATGACCAGTCCTTCTATGCAGACATATACATGGAAGATGGGTTGATCAAGCAAATAGGAGA
 AAACCTGATTGTGCCAGGAGGGGTGAAGACCATCGAAGCCCACTCCAGAATGGTATCCCTGGAGGAATT
 GACGTGCACACTCGCTTCCAGATGCCAGACCAGGGAATGACATCAGCTGATGACTTCTCCAGGGAACCA
 AGGCAGCCCTGGCCGGAGGAACCACCATGATCATCGACCATGTTGTTCTGAGCCCGGACAAGCCTATT
 GGCAGCCTTTGATCAGTGGAGGGAGTGGCGGACAGCAAGTCTGCTGTGACTATTGCTGCACGTGGAC
 ATCACGGAGTGGCACAAGGGCATCCAGGAGGAGATGGAAGCTCTGGTGAAGGACCACGGGTAACCTCT
 TCCTCGTGTACATGGCTTCAAAGATCGGTTCCAGCTGACGGATCCCAGATCTATGAAGTACTGAGCGT
 GATCCGGGATATTGGTGCATAGCTCAAGTCCATGCAGAGAATGGTGACATCATTGCAGAGGAACAGCAG
 AGGATCTGGATCTGGGCATCACAGGCCCGAGGGACACGTGCTGAGCCGCCAGAGGAGTTCGAGGCTG
 AAGCTGTGAACCGGTCCATCACCAATTGCCAATCAGACCAACTGCCCGCTGTATGTCACCAAGGTGATGAG
 CAAGAGTGTGCTGAAGTCATCGCCAGGCACGGAAGAAGGGAAGTGTGGTGTATGGTGAGCCCATCACT
 GCCAGCCTGGGGACTGATGGCTCTCATTATTGGAGCAAGAAGTGGCCAAAGGCCGCTGCCTTTGTCACCT
 CTCCACCCTTGAGCCCGACCAACCACTCCAGACTTTCTCAACTCGTTGCTGTCTGTGGAGACCTCCA
 GGTCACCTGGCAGTGGCCACTGTACCTTCAACACTGCCAGAAGGCTGTGGGAAGGATAACTTACCTTG
 AGATGGACGAGAACCAGTTTGTGGCTGTGACTAGCACCAACGCAGCCAAAGTCTTCAATCTTACCCAGC
 GAAAGGTCGTATCTCCGTGGGATCTGACGCAACTTGGTCATCTGGGACCCTGACAGTGTGAAGACCATC
 TCTGCCAAGACGCACAACAGTGCTCTTGTAGTACAACATCTTTGAAGGCATGGAGTGTGGGGCTCCCCAC
 TGGTGGTCATCAGCCAGGGCAAGATTGCTCTGGAGGACGGCACGTTGCATGTCACGGAAGGCTCAGGACG
 CTACATCCCCGGAAGCCCTTCCCTGACTTTGTGTACAAACGCATCAAGGCAAGGAGCAGGCTGGCTGAG
 CTGAGGGGGTCCCTCGTGGCCTGTATGATGGACCCGTATGCGAGGTGTCTGTGACGCCCAAGACGGTCA
 CTCCGGCCTCATCAGCTAAGACATCCCCTGCCAAGCAGCAGGCCACCTGTTCCGAACTGCACCAGTC
 TGGTTTCAGTTGTCTGGTGTCTCAGATTGACGACAACATCCCCCGCCACCACCAGCGCATTGTGGCA
 CCCCTGGTGGCCGCGCCAACATCACAGCCTGGGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001105717
- 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_001105717.2](#), [NP_001099187.1](#)

RefSeq Size: 4370 bp

RefSeq ORF: 1719 bp

Locus ID: 25416

UniProt ID: [P47942](#)

Cytogenetics: 15p12

Gene Summary: membrane-associated protein, may be important for axonal outgrowth and pathfinding [RGD, Feb 2006]