

Product datasheet for **RN207323**

Dpysl5 (NM_023023) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpysl5 (NM_023023) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dpysl5
Synonyms:	Crmp5; Ulip6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207323 representing NM_023023
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTGCCAATTCAGCCAGTGTGCGGATTCTCATCAAGGGAGGCAAGGTGGTGAACGATGACTGTACCC
 ACGAGGCAGATGTCTACATTGAGAACGGCATCATCCAGCAGGTGGGCCGTGAACCTATGATCCCTGGCGG
 GGCCAAGGTGATTGACGCCACCGGAAACTGGTGATCCCCGGAGGGATTGACACCAGCACCCACTTCCAC
 CAGACCTTCATGAACGCCACATGTGTGGACGACTTCTACCACGGGACCAAGGCAGCCCTCGTCGGAGGCA
 CCACCATGATCATCGGTCACGTCCTGCCTGACAAGGAGACCTCCCTCGTGGAAAGCCTATGAGAAAGTGCAG
 GGCTCTAGCTGACCCCAAGGTCTGCTGTGACTATGCCCTCCATGTGGGGATCACCTGGTGGGCACCCAAAG
 GTGAAAGCAGAAATGGAGACACTAGTGCAGAGAAAGGGTCAACTCCTCCAGATGTTTCATGACCTACA
 AGGACTTGTACATGCTTCGAGACAGTGTGACTGTACCAAGTGTCCATGCCTGCAGGGACTTTGGGGCGAT
 CCCCCGGTCCACGCAGAAAATGGGGAGCTTGTGGCTGAGGGTGTAAAGGAGCTCTAGATTTGGGTATC
 ACAGGCCAGAAAGGAATTGAGATCAGCCATCCAGAGGAGCTGGAAGCGGAAGCCACTCACCGTGTATCA
 CCATTGCAAAACAGGACTCACTGTCCCATCTACCTGGTCAATGTGTCTAGTATCTCAGCTGGTGTATGTCAT
 TGCAGTGCTAAGATGCAAGGGAAGGTGGTGTGGCCGAGACCACCAACGCACACGCCACGCTCACAGGC
 TTACTACTACCACCAGGACTGGTCCCATGCAGCCGCTATGTCACGGTGCCGCCCTGAGACTGGACA
 CCAACTTCCACCTACCTCATGAGCCTGCTGGCCAATGACACTCTGAACATCGTGGCATCCGATCACCG
 GCCATTCACCACAAGCAGAAAGCCATGGGCAAGGAAGACTTCACTAAGATCCCACACGGTGTGAGCGGT
 GTACAGGATCGAATGAGCGTGTCTGGGAGAGGGGAGTGGTTGGAGGAAAGATGGATGAGAACCCTTTCG
 TAGCTGTCACCAAGTTCTAACGCAGCCAAGATTCTCAACTGTATCCTCGCAAGGGCCGCATCATCCCTGG
 AGCCGATGCTGATGTGGTGGTGTGGGACCAGAAAGCCACAAAGACCATCTCAGCCAGCACCCAGGTGCAG
 GGTGGAGACTTCAATCTGTACGAGAACATGCGCTGCCACGGTGTGCCACTGGTACCATCAGCCGGGAC
 GTGTGGTGTATGAGAATGGCGTCTTCATGTGCGCGGAGGGCACTGGCAAGTTCTGTCCCCTGCGGTCTTT
 CCCAGACATTGTCTATAAGAAGCTGGTGCAGAGAGAGAAGACCTTAAAAGTGGGGGAGTGGACCGTACT
 CCCTACCTAGGGGATGTCGCTGTGGTTGTCAACCCTGGGAAAAAGAGATGGGAACACCACTGGCAGACA
 CTCCCACACGGCCAGTCAACCGGCACGGGGCATGAGGGACCTTCATGAATCCAGTTTCAGCCTCTCTGG
 TTCTCAGATTGATGACCATGTTCCAAAGCGGGCCTCAGCTCGGATCCTTGCGCCCTGGAGGCAGGTCCG
 AGCGGTATTTGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_023023
- 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_023023.1](#), [NP_075412.1](#)

RefSeq Size: 4845 bp

RefSeq ORF: 1695 bp

Locus ID: 65208

UniProt ID: [Q9JHU0](#)

Cytogenetics: 6q14

Gene Summary: may have a role in neuronal differentiation and/or axon growth [RGD, Feb 2006]