

Product datasheet for **RN205047**

Podxl2 (NM_001106607) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Podxl2 (NM_001106607) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Podxl2
Synonyms:	RGD1305815
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205047 representing NM_001106607
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCCGCGCTGCGGGCCCGGACTGCCGCCCGCTGTTGTTGCTACTGGCCGCTGGAGTTCCC
 TGGGTGCCTGTGCAGTGACCATGGATGAGCCTGGCCCTGAGGGCCTCACCTCCACATCCCTGCTGGATCT
 GTTGTGCCCACTGACTTTGAGCCACTGGACTCGGAGGAGCCAGTGAGGCCATGGGTCTAGGTGCCGGC
 CTAGCCCCGGGCTCAGGCTTCCCCAGTGAGGACAGCGAGGAGTCCCGGCTCCTGCAGCCACCACAGTACT
 TCTGGGAAGAGGAGGAATAAACGGCTCCAGCCTGGACCTGGGTCCCACTGCAGACTACGCTTCCAGAG
 CCTGACTGAGAAGGTGGTTCCATGGAAGACCCAGGGCAGGCTCCAGACCTGCCAAACCTCCCCTCCATC
 CTGCCAAGATGGATCTCGTGAGCCTCCCTGGCATAATGCCTCTGGAAGAGGAAGAGGAAGAGGAGGAAG
 AGGAGGAGGAAGAGGAAGGGAGGAAGAGGAGAGGAGGAAGGAAGAAGCAGAGGAGGAGGAGGAAGAAGA
 GCTGCTCCCTGTGAGCGGTCCCAGGAGCCACCACAGGCCCATGCCCTTCACTAGCACCAGCAGC
 ACCAGCAGCCAGAGTCTGGGGCCACCAGACACAGGCAGGATGATTCTGGGGACCAGGCCACATCAGGAA
 TAGAGGTGGAAGCAGTGTGAAACCCACCTTGTCACTGTCAGTGCCTCAGTACCCCAAGTACAGTGGCCCTGGG
 GGTTTCAGAACTACAGCCAGGAATCTGGGGCACTGAGTGGCCAACGGGGGGGCTGGGGGTACAGTCTGAG
 GTTCCCCAGGGAGCTGGTGAGGAGGCCACAGTGGGAGCAGCTGACTATGATGGCCAGCAGGGGGCACTGC
 CATCTACTTCACTCCACAAACAGTGCCTCCAAGTGGGACTGAGGTCCCCGGTGAGGGTCCCCTTTACCC
 CAGAACCCAGACTCTTCCCACCTGGACCCCAAGACACAGAGTCAACCCCTTCTCTGCTACCTGGGGA
 CAAGAAGTCTCAGTGAGCAGCCCTGGAGGTCAGACAGTGAAGTCACTACTAACACCGTGGGACT
 CTACTCAGGTGATCTGCAAGGATTGGAGCAACCTGGCCGGGAAGAGCTACGTCATCCTGAACATGACAGA
 GAACATAGACTGTGAAGTGTTCGGCGACACCGGGACTACGGCTCCTAGCCCTGGTGGAGGAGTTCTG
 CCACGCCACCGTAGTGGCCACCGTGAGACTGGCATACTCTCTCAGCAAGCCAGTGAGAAAGAGCAGC
 ACCTGCTGATGACTCTTGTAGGAGAGCAGGGGGTGGTACCCACTCAAGATGTCCTTTCCATGCTCAGTGG
 CATCCGCAGGAGTCTGGAGGAGATTGGCATCCAGAACTACTCCACCACCAGCAGCTGCCAGGCACGGGCC
 ACCCAGGTGCGCAGTACTACGGGACACTCTTGTAGTGTGGTATCATTGGTGTCTGCTTTCATCA
 TCATTGTGCTTGGCCTACTCTACAATTGTTGGCAGCGTCGGCTGCCCAAGCTGAAACACGTGTCGCACGG
 TGAGGAGCTTCGTTCTGGGAGAACGGCTGCCACGACAATCCCACGCTGGACGTGGCCAGGCACAGCCAG
 TCGGAGATGCAGGAGAAGCAGCCAGCCTGAACGGTGGGGCCATCAACGGCCGAGCAGCTGGAGCGCCG
 TCATGGGCAGCAAGCGCACCTGAGGACTCTGACGTGTTGAGGAGGACACTCACTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106607

Insert Size: 1812 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_001106607.1](#), [NP_001100077.1](#)

RefSeq Size: 2034 bp

RefSeq ORF: 1812 bp

Locus ID: 297433

Cytogenetics: 4q34