

Product datasheet for **RN213127**

Podxl (NM_138848) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Podxl (NM_138848) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Podxl
Synonyms:	PC; PCLP-1; podocalyxin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213127 representing NM_138848
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCGCCCCACTCTGGCGCTCTCCGCGTCTGTTGCTGCAGCTGCTGTTACTGTGCGACTCCATCTCTCT
 CCCAGGATAATGGAAATAAGACTGACACATCTGATATAACTAGCATTGACCAGAACCAAGACAAACCAGC
 GACAAACCAGCCAAGCAATGCTACACCTAAAAGCTCAGTCCAACCTCCAACACCGACATCTATTTCAACC
 TCCTCCCCAGACCCCAAGGCCACTCAAAGCAGTAACAGTTCAGTTACAACCTACCAGTGACTCCACCACTG
 ACAGGACAAGCTCTTCCACTAGCACTGTCCCACTACTAGCAACAGTGGGAGACAGTCTCCTCTGGAGG
 CAAGAGCAGTGACAAAATTACCACAGCCCTACCAACCACTTTGGGACAGTCAACGCCTCTTCTCAACCT
 ACTGACCTGAATACCTCGACAAAGCTTCCTTCTACCCCCACAACAAATAGCACAGCAAGCCCTCACCAGC
 CTGTGAGCCACTCTGAGGACAGCACACCACTGTTGAGAGCAGCTCTGCTTCTGTGTCCAGCTCTGACAA
 CACTACGCTGTTGTGGATACTTACTACATCCAACCGACAGGCACCTCTGAAGGCACTCAGCCCATCGCT
 ATCTCGACGCCAGGCATCACCACACCGGTCTCCACACCACTACAGCCTACGGGTCTCCAGGGGGAAGT
 AGTCGGTGCCTACGACCGAAGAATTCACACACTCCACTTCTAGTTGGACTCCAGTGGTCTCTCAAGGCC
 GAGCACACCTCTTCCACCTGGACGTCTGGGAGTTACAAGCTAAAATGTGATCCTGCCATAAAGCCCCAC
 GAGGAACCTCTCATTCTGAACCTCACAAGAGACAGCTTTTGAAGGGGAGCCCTCCAATGAAAGATTCT
 TGGAACCTGCTGTGCTCACTCAGCCAAAGCCTCCTCAAGCCAGCTGAGGATTCGTGTGCTCTGGAGCTGGC
 CCCATTCTAGACAACCAGGCGGTGGCAGTGAAGAGAATCGTTATTGAGACGAAGCTTTCTCCTAAGGCT
 GTGTTTGAAGTCTGAAGGACAAATGGGACGACCTGACAGAGGCTGGAGTCATCGACATTCATCTGGGGA
 AGGAAGGACCTCCAGAAGTCAACGAGGACCGCTCAGCCTTCTCTCATCATCACCATCGTCTGCATGGC
 ATCCTTCTGCTCCTCGTTGCTGCCCTCTACGGCTGCTGTCAACAGCGGATCTCCAGAGGAAGGACCAA
 CAACGACTCACAGAGGAGCTGCAGACAGTAGAGATGGTTACCATGACAACCCAACCTTGGAAGTGATGG
 AGACTCCTTCTGAGATGCAGGAGAAGAAGGTGGTCAACCTCAACGGGGAGCTGGGAGACGTTGGATCGT
 CCCTCTGGACAACCTTGACCAAGGAGGACCTAGATGAGGAGGAAGATACACACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_138848
- Insert Size:** 1458 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_138848.1, NP_620203.1

RefSeq Size: 5309 bp

RefSeq ORF: 1458 bp

Locus ID: 192181

UniProt ID: Q9WTQ2

Cytogenetics: 4q22

Gene Summary: inhibits cell-cell adhesion; may play a role in maintaining filtration in the glomerular epithelium [RGD, Feb 2006]