

Product datasheet for **SC221530**

PODXL (NM_001018111) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PODXL (NM_001018111) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PODXL
Synonyms:	gp135; Gp200; PC; PCLP; PCLP-1; PDX; PODXL1
ACCN:	NM_001018111
Insert Size:	2000 bp



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Insert Sequence: >SC221530 3'UTR clone of NM_001018111
 The sequence shown below is from the reference sequence of NM_001018111. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGGATGAGGAGGAAGACACACCTCTAGTCCGGTCTGCCGGTGGCCTCCAGCAGCACCACAGAGCTC
CAGACCAACCACCCCAAGTGCCGTTTGGATGGGGAAGGAAAGACTGGGGAGGGAGAGTGAACCTCCGAG
GGGTGTCCCTCCCAATCCCCCAGGGCCTTAATTTTTCCCTTTTCAACCTGAACAAATCACATTCTGT
CCAGATTCTTGTAAAATAACCCACTAGTGCCTGAGCTCAGTCTGCTGGATGATGAGGGAGATCAA
GAAAAAGCCAGTAAGGGACTTTATAGATGAACTAGTGAATCCCTTCATTCTGCAGTGAGATTGCCGA
GACCTGAAGAGGGTAAGTGACTTGCCCAAGGTCAGAGCCACTTGGTGACAGAGCCAGGATGAGAACAAA
GATTCCATTTGCACCATGCCACACTGCTGTGTTACATGTGCCTCCGTCCAGAGCAGTCCCGGGCAGG
GGTGAAACTCCAGCAGGTGGCTGGGCTGGAAAGGAGGGCAGGGCTACATCCTGGCTCGGTGGGATCTGA
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CTATGTTCTTACCCTCCCTACACTCAGTGTGTTGCCACTTACTCTGTCTGGGGCCTCTGGGATTA
GCACAGTTATTACATAACCTGAACCCCTGTTCTGGATTTCGATTTTCTCACATTTGCTTCGTGAGAT
GGGGGCTTAACCCACACAGGCTCCGTGCGTGAACCAGGCTGCTTAGGGGACCTGCGTGACAGGTGAGG
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ATTCCTGAGACCCAGTATGAAAGAGCAGTGGCTGCAGGAGAGGCCTTCCCGGGCCCCCATCAGCGA
TGTGTCTTCAGAGACAATCCATTAAAGCAGCCAGGAAGGACAGGCTTCCCTGTATATCATAGGAAAC
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GCTGCTGCGGTTCTTTGCAGTTTCTGGTGGCATCTCAGGGGAACACAAAGCTATGTCTATTCCCAAT
ATAGGACTTTTATGGGCTCGGCAGTTAGCTGCCATGTAGAAGGCTCCTAAGCAGTGGGCATGGTGAGGT
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GGGTGAAACGCCACACTCCAGGGTCTTAAAGAGTCAGGCTCCGGCTGTAGTAGCTCTGATGAAATAGGC
TATCCACTCGGGATGGCTTACTTTTTAAAGGGTAGGGGGAGGGGCTGGGGAAGATCTGTCTGCACCA
TCTGCCTAATTCCTTCTCACAGTCTGTAGCCATCTGATATCCTAGGGGAAAAGGAAGGCCAGGGGTTT
ACATAGGGCCCCAGCGAGTTCCAGGAGTTAGAGGGATGCGAGGCTAACAAAGTTCCAAAAACATCTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001018111.3](#)

Summary:

This gene encodes a member of the sialomucin protein family. The encoded protein was originally identified as an important component of glomerular podocytes. Podocytes are highly differentiated epithelial cells with interdigitating foot processes covering the outer aspect of the glomerular basement membrane. Other biological activities of the encoded protein include: binding in a membrane protein complex with Na⁺/H⁺ exchanger regulatory factor to intracellular cytoskeletal elements, playing a role in hematopoietic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin. [provided by RefSeq, Jul 2008]

Locus ID:

5420

MW:

72.1