

## Product datasheet for **MC201631**

### Podxl2 (NM\_176973) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Podxl2 (NM_176973) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Podxl2
Synonyms:	D130074J02Rik; PODLX2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC033384 sequence for NM\_176973  
 GCTTTCTCAGGGAAGATCGGAGCTGGGACCCTGTCTAAGGAGCTTCCCTGGGTGCCTATGCAGTGGGCG  
 TGGATGAGCCTGGCCCGAGGGCCTCACCTCCACGTCCCTGTGGACCTTTGTTGCCACTGACTTTGA  
 GCCACTGGACTCAGAGGAACCCAGCGAGGCCATGGGTCTAGACGCCGGCCTAGCCCCAGGCTCGGGCTTC  
 CCCAGTGAGGACAGCGAGGAGTCCCGGCTCCTGCAGCCGCCACAGTACTTCTGGGAAGAAGAGGAACTAA  
 ACGGCTCCAGCCTGGACCTGGGTCCCCTGCAGACTACGTCTTCCAGACCTGACTGAGAAGGTGGCGTC  
 CATGGAAGACCCAGGCCAGGCTCCGGACCTGCCAACCTCCCCTCCATCCTGCCAAGATGGACTTTGCT  
 GAGCCTCCCTGGCATATGCCTCTGCAGGAGGAGGAAGAGGAGGAGGAAGAGGAGGAGGAGGAAAGGGAAAG  
 AAGAGGAGAGGGAGAAGGAAGCAGAGGAGGAGGAGGAAGAGGAAGAGCTGCTCCCTGTGACCGGGTCCCC  
 AGGAGCCACCGCACAGGCCATGCCCTTACCTAGCACCAGCAGCAGCACCAGCAGCCAGAGTCTGGG  
 GCCACCCGGCACAGGCAGGAGGATTCTGGAGACCAGGCCACATCAGGCATGGAAGTGGAGAGCAGTGTGA  
 AACCCACCTTGTGAGTCCCTCAGTCAACCAAGTACAGTGGCCCGGGGTTTCAGAACTATAGCCAGGA  
 GTCTGGGGGACTGAGTGGCCAAGTGGGGGCTGGGGTCCAGTCTGAGGTTCCCGAGGAGCTGGTGA  
 GGGGCCACAGTGGGAGCAGCTGACTTCGATGGCCAGCAGGGGGACTGCCGTCTCTTCACTCCACAAA  
 CAGTGCCTCCAAGTGGGACTGAGGTCCCAGTGAAGGTTCCCTTTACCCAGAATCCAGACTCTCTCC  
 ACCTGGACCCCAAGACACAGAGTCAACCCCTTCTCTGCTACCTGGGACAAGAAGTCTCAGTGAAGG  
 CCCCTGGAGGGTCAAGCAGTGAAGCTCACTACTAACCCGTGGGACTTACTCAGGTGATCTGCAAGG  
 ATTGGAGCAACCTGGCCGGGAAGAGCTACATCATCCTGAACATGACACAGAACATAGACTGTGAAGTATT  
 TCGGCGGCACCGGGGACTACGGCTCCTAGCTCTGGTGGAGGAGTACTGCCACGCCACCGCAGTGGCCAT  
 CGTGGAGACTGGCATATTTCTCTGAGCAAGCCAGTGAGAAAGAGCAACACCTGCTGATGACCCTTGTAG  
 GAGAACAGGGCGTGGTACCCACTCAAGATGTCTTTCCATGCTCAGTGGCATCCGAGGAGTCTGGAGGA  
 GATTGGCATCCAGAACTACTCCACCACCAGCAGTCCAGGCACGAGCCACCCAGGTGCGCAGTGACTAC  
 GGGAGCCTCTTTGTAGTCTGGTATCATTGGTGTCTGCTTTCATCATCATTGTGCTTGGCCTACTCT  
 ACAATTGTTGGCAGCGCGGATGCCAAGCTCAAACACGTGTCGACGGTGAAGGAGGAGGAGGAGGAGGAGG  
 GAACGGCTGCCACGACAATCCCAGCTGGACGTGGCCAGCGACAGCCAGTCCGAGATGCAGGAGAAGCAG  
 CCCAGCCTGAACGGTGGGGCCATCAACGGCCCGAGCAGTGGAGCGCGCTCATGGGCAGCAAACGCGACC  
 CTGAGGACTCGGACGTGTTGAGGAGGACACTCACCTGTGAGCGCCGGCCACGGGCGGAGACTGCCCCG  
 ACGCCACGGCCCCGCGCCCTCCCGTCTCCACGCGGACCCTATGCTTCCCCACCGCAGCAGGCGACC  
 GCGGCGCAGTCCCACCCCGCCCTGCCCGCCCCGAGCGCTTGCCCGAGGCCAGCGCGCTCCCCGCGCCA  
 GGACTCCATTAAGCCGCTAAGACGCGCGGCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_176973

**Insert Size:** 1620 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:** [BC033384](#), [AAH33384](#)

**RefSeq Size:** 2094 bp

**RefSeq ORF:** 1620 bp

**Locus ID:** 319655

**UniProt ID:** [Q8CAE9](#)

**Cytogenetics:** 6 D1

**Gene Summary:** Acts as a ligand for vascular selectins. Mediates rapid rolling of leukocytes over vascular surfaces through high affinity divalent cation-dependent interactions with E-, P- and L-selectins (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) contains a distinct 5' UTR and lacks an in-frame portion of the 5' coding region, compared to variant 1. The resulting isoform (2) has a shorter N-terminus, compared to isoform 1.