

## Product datasheet for **SC313878**

### PLXDC2 (NM\_032812) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PLXDC2 (NM_032812) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLXDC2
Synonyms:	TEM7R
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_032812 edited  
 GCTCTTTGGAGCTGCCATTCTCCGGCTGCGAGAAAAGGACGCGCCCTGCGTCGGGCG  
 AAGAAAAGAAGCAAACTTGTCCGGAGGGTTTCGTATCAACCTCTTCCCGCAAACCTA  
 AACCTCTGCCGGGGCCATCCCTAGACAGAGGAAAAGTTCTGCAGAGCCGACCAGCCCTA  
 GTGGATCTGGGGCAGGCAGCGGCGCTGGCTGTGGAATTAGATCTGTTTTGAACCCAGTGG  
 AGCGCATCGCTGGGGCTCGGAAGTACCCTCCGGGACCCGGTTGGCGCTGCCCGAGT  
 GGAACCGACAGTTTGCAGCCTCGGCTGCAAGTGCCTCTCTCCCGCGGTTGTGTTTC  
 AGTGTCCGGTGAGGGCTGCGAGTGTGGCAAGTTGCAAAGAGAGCCTCAGAGGTCCGAAGA  
 GCGCTGCGCTCCTACTCGCTTCTCTCTCTCTCTCGGTTCCCTACTGTGAAATCGC  
 AGCGACATTTACAAAGCCTCCGGGTCCTACCGAGACCGATCCGCAGCGTTTGGCCCGT  
 CGCGCCTATTGCATCGGGAGCCCCGAGCACCGGCGAAGGACTGGCGGGTGGGTAGGGA  
 GGTGGCGGCGGCATGGCGAGTTCCGAAGGCCGACCTGGCCGCTGCAGGAGTTATGTTA  
 CTTTGCCACTTCTCACGGACCAGTTTCAGTTCGCCGATGGGAAACCCGGAGACCAAATC  
 CTTGATTGGCAGTATGGAGTACTCAGGCCTCCCTCACACAGAGGAGGAGGTGGAAGTT  
 GATTACACGCGTACAGCCACAGGTGAAAAGAACTTGGACTTCTCAAGGCGGTAGAC  
 ACGAACCGAGCAAGCGTCCGCCAAGACTCTCTGAGCCAGAAGTTCACAGACCTGCTG  
 CTGGATGATGGGCAGGACAATAACTCAGATCGAGGAGGATACAGACCAATTAATAT  
 ATATCTCGAATATATGGTCCATCTGATTCTGCCAGCCGGGATTTATGGGTGAACATAGAC  
 CAAATGGAAAAAGATAAAGTGAAGATTCATGGAATATTGTCCAATACTCATCGGCAAGCT  
 GCAAGAGTGAATCTGTCTTCGATTTCCATTTTATGGCCACTTCTACGTGAAATCACT  
 GTGGCAACCGGGGTTTCATATACACTGGAGAAGTCGTACATCGAATGCTAACAGCCACA  
 CAGTACATAGCACCTTAAATGGCAAATTCGATCCCAGTGTATCCAGAAATCAACTGTC  
 AGATATTTTGATAATGGCACAGCACTTGTGGTCCAGTGGGACCATGTACATCTCCAGAT  
 AATTATAACCTGGGAAGCTTACATTCCAGGCAACCCTGCTCATGGATGGACGAATCATC  
 TTTGGATACAAAGAAATCCTGTCTTGGTCCACACAGATAAGTTCAACCAATCATCCAGTG  
 AAAGTCGGACTGTCCGATGCATTTGTCTGTCCACAGGATCCAACAAATCCCAATGTT  
 CGAAGAAGAACAATTTATGAATACCACCGAGTAGAGCTACAAATGTCAAAAATACCAAC  
 ATTTCCGGCTGTGGAGATGACCCATTACCCACATGCCTCCAGTTAACAGATGTGGCCCC  
 TGTGTATCTTCTCAGATTGGCTTCAACTGCAGTTGGTGTAGTAACTTCAAAGATGTTCC  
 AGTGGATTTGATCGTATCGGCAGGACTGGGTGGACAGTGGATGCCCTGAAGAGTCAAAA  
 GAGAAGATGTGTGAGAATACAGAACCAGTGAAACTTCTTCTCGAACCACCACAACCATA  
 GGAGCGCAACCACCCAGTTCAGGGTCCCTAACTACCACCAGAAGAGCAGTGACTTCTCAG  
 TTTCCACCAGCCTCCCTACAGAAGATGATACCAAGATAGCACTACATCTAAAAGATAAT  
 GGAGCTTCTACAGATGACAGTGCAGCTGAGAAGAAAGGGGGAACCCTCCACGCTGGCCTC  
 ATCGTTGGAAATCCTCATCTCTGGTCTCATTGTAGCCACAGCCATTCTTGTGACAGTCTAT  
 ATGTATCACCACCAACATCAGCAGCCAGCATCTTCTTTATTGAGAGACGCCCAAGCAGA  
 TGGCCTGCGATGAAGTTTAGAAGAGGCTCTGGACATCTGCCTATGCTGAAGTTGAACCA  
 GTTGGAGAGAAAAGGCTTTATTGTATCAGAGCAGTGCTAAAATTTCTAGGACAGAACA  
 ACACCAGTACTGGTTTACAGGTGTTAAGACTAAAATTTTGCCTATACCTTTAAGACAAAC  
 AAACAAACACACACACAAACAAGCTCTAAGCTGCTGTAGCCTGAAGAAGACAAGATTTCT  
 GGACAAGCTCAGCCAGGAAACAAGGGTAAACAAAAAATAAACTTATACAAGATACC  
 ATTTACTACTGAACATAGAATCCCTAGTGGAAATGTATCTATAGTTCACTCGGAACATCT  
 CCCGTGGACTTATCTGAAGTATGACAAGATTATAATGCTTTTGGCTTAGGTGCAGGGTTG  
 CAAAGGGATCAGAAAAAAAATCATAATAAAGCTTTAGTTCATGAGGGATCGAAAAAAA  
 AAAAAAAAAA

**Restriction Sites:** NotI-NotI  
**ACCN:** NM\_032812  
**Insert Size:** 2600 bp

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_032812.7</a> , <a href="#">NP_116201.7</a>
<b>RefSeq Size:</b>	2594 bp
<b>RefSeq ORF:</b>	1590 bp
<b>Locus ID:</b>	84898
<b>UniProt ID:</b>	<a href="#">Q6UX71</a>
<b>Cytogenetics:</b>	10p12.31
<b>Domains:</b>	PSI
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	May play a role in tumor angiogenesis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.