

Product datasheet for **SC336375**

PLXDC2 (NM_001282736) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLXDC2 (NM_001282736) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLXDC2
Synonyms:	TEM7R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336375 representing NM_001282736.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCGAGGTTCCCGAAGGCCGACCTGGCCGCTGCAGGAGTTATGTTACTTTGCCACTTCTTCACGGAC
CAGTTTCAGTTCGCCGATGGGAAACCCGGAGACCAAATCCTTGATTGGCAGTATGGAGTTACTCAGGCC
TTCCTCACACAGAGGAGGAGGTGGAAGTTGATTCACACGCGTACAGCCACAGGTGGAAAAGAACTTG
GACTTTCTCAAGGCGGTAGACACGAACCGAGCAAGCGTCGGCCAAGACTCTCCTGAGCCCAGAAGCTTC
ACAGACCTGCTGCTGGATGATGGCAGGACAATAACACTCAGATCGAGAGAGTGAATCTGTCTTCGAT
TTTCCATTTTATGGCCACTTCTACGTGAAATCACTGTGGCAACCGGGGTTTCATATACTGGAGAA
GTCGTACATCGAATGCTAACAGCCACACAGTACATAGCACCTTAAATGGCAAATTCGATCCCAGTGTA
TCCAGAAATCACTGTCAGATATTTTGATAATGGCACAGCACTGTGGTCCAGTGGGACCATGTACAT
CTCCAGGATAATTATAACCTGGGAAGCTTCACATTCCAGGCAACCCTGCTCATGGATGGACGAATCATC
TTTGGATACAAAGAAATTCCTGTCTTGGTCACACAGATAAGTTCAACCAATCATCCAGTAAAGTCGGA
CTGTCCGATGCATTTGTGTTGTCCACAGGATCCAACAAATTCCTCAATGTTTCAAGAAAGAAATTTAT
GAATACCACCGAGTAGAGCTACAATGTCAAAAATACCAACATTTCCGGCTGTGGAGATGACCCATTA
CCCACATGCCTCCAGTTTAAACAGATGTGGCCCTGTGTATCTTCTCAGATTGGCTTCACTGCAGTTGG
TGTAGTAAACTTCAAAGATGTTCCAGTGGATTTGATCGTCATCGCAGGACTGGGTGGACAGTGGATGC
CCTGAAGAGTCAAAGAGAAAGATGTGTGAGAATACAGAACCAGTGGAAACTTCTTCTCGAACCACCACA
ACCGTAGGAGCGACAACCACCCAGTTCAGGGTCCCTAACTACCACCAGAAGAGCAGTACTTCTCAGTTT
CCCACCAGCCTCCCTACAGAAGATGATACCAAGATAGCACTACATCTAAAAGATAATGGAGCTTCTACA
GATGACAGTGCAGCTGAGAAGAAAGGGGAAACCCTCCACGCTGGCCTCATCATTGGAATCCTCAGCTTG
GTCTCATTGTAGCCACAGCCATTCTTGTGACAGTCTATATGTATCACCACCAACATCAGCAGCCAGC
ATCTTCTTTATTGAGAGACGCCAAGCAGATGGCTGCGATGAAGTTTGAAGAGGCTCTGGACATCCT
GCCTATGCTGAAGTTGAACCAAGTTGGAGAGAAAGAAGGCTTTATTGTATCAGAGCAGTGCATAA
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
  
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Restriction Sites: Sgfl-RsrII

ACCN: NM_001282736

Insert Size: 1443 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_001282736.1](#)

RefSeq Size:	12135 bp
RefSeq ORF:	1443 bp
Locus ID:	84898
UniProt ID:	Q6UX71
Cytogenetics:	10p12.31
Protein Families:	Druggable Genome, Transmembrane
MW:	53.9 kDa
Gene Summary:	<p>May play a role in tumor angiogenesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p> <p>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.</p>