

Product datasheet for **RC238481**

PLXDC2 (NM_001282736) Human Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RC238481 representing NM_001282736
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGAGGTTCCCGAAGGCCGACCTGGCCGCTGCAGGAGTTATGTTACTTTGCCACTTCTTCACGGACC
 AGTTTCAGTTCGCCGATGGGAAACCCGGAGACCAATCCTTGATTGGCAGTATGGAGTACTCAGGCCTT
 CCCTCACACAGAGGAGGAGTGAAGTTGATTCACACGCGTACAGCCACAGGTGGAAAAGAACTTGGAC
 TTTCTCAAGGCGGTAGACACGAACCGAGCAAGCGTCGGCCAAGACTCTCCTGAGCCCAGAAGCTTCACAG
 ACCTGCTGCTGGATGATGGGCAGGACAATAACTCAGATCGAGAGAGTGAATCTGTCCTTCGATTTTCC
 ATTTTATGGCCACTTCTACGTGAAATCACTGTGGCAACCGGGGTTTCATATACACTGGAGAAGTCGTA
 CATCGAATGCTAACAGCCACACAGTACATAGCACCTTTAATGGCAAATTCGATCCCAGTGTATCCAGAA
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 GCCCAAGCAGATGGCCTGCGATGAAGTTTGAAGAGGCTCTGGACATCTGCCTATGCTGAAGTTGAACC
 AGTTGGAGAGAAAGAAGGCTTTATTGTATCAGAGCAGTGC

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
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Protein Sequence:

>RC238481 representing NM_001282736
 Red=Cloning site Green=Tags(s)

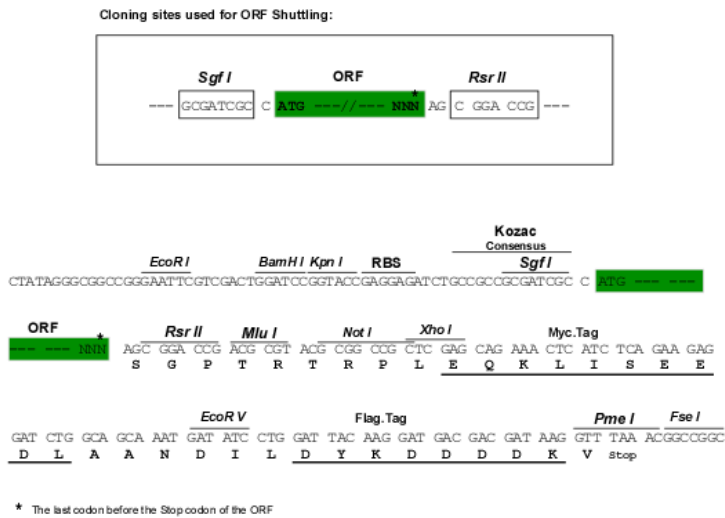
MARFPKADLAAAGVMLLCHFFTDQFQFADGKPGDQILDWQYGVTAQFPHTEEVEVDSHAYSHRWKRNLD
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 QFNRCGPCVSSQIGFNCSWCSKLRQCSSGDRHRQDWVDSGCPPEESKEKMCENTEPVETSSRTTTTVGAT
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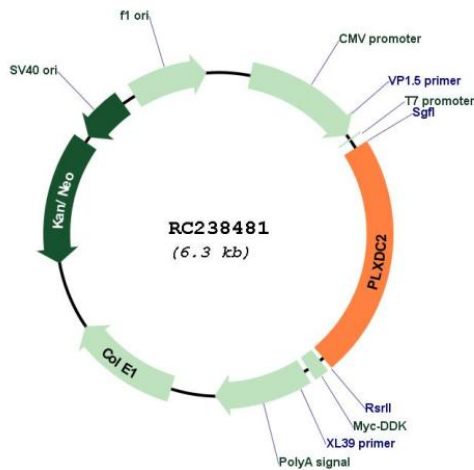
Restriction Sites:

SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001282736

ORF Size: 1440 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001282736.2](#)

RefSeq Size: 12135 bp

RefSeq ORF: 1443 bp

Locus ID: 84898

UniProt ID: [Q6UX71](#)

Cytogenetics: 10p12.31

Protein Families: Druggable Genome, Transmembrane

MW: 54.4 kDa

Gene Summary: May play a role in tumor angiogenesis.[UniProtKB/Swiss-Prot Function]