

Product datasheet for **RG238481**

PLXDC2 (NM_001282736) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLXDC2 (NM_001282736) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PLXDC2
Synonyms:	TEM7R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238481 representing NM_001282736. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCGAGGTTCCCGAAGGCCGACCTGGCCGCTGCAGGAGTTATGTTACTTTGCCACTTCTTCACGGAC
CAGTTTCAGTTCGCCGATGGGAAACCCGGAGACCAATCCTTGATTGGCAGTATGGAGTTACTCAGGCC
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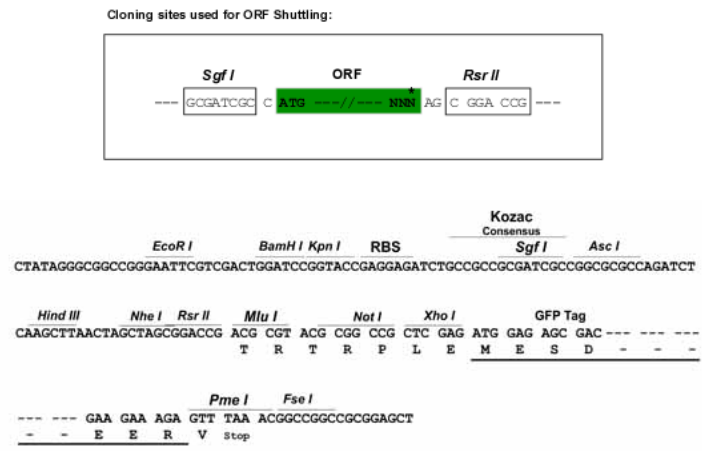
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG238481
 Blue=ORF Red=Cloning site Green=Tag(s)

MARFPKADLAAGVMLLCHFFTDQFQFADGKPGDQILDWQYGVTAQFPHTEEVEVDSHAYSHRWKRNLD
 DFLKAVDNTRASVGDSPPEPSFTDLLLDDGQDNNTQIERVNLSDFFPFYGHFLREITVATGGFIYTGE
 VVHRMLTATQYIAPLMANFDPSVSRNSTVRYFDNGTALVVQWDHVHLQDNYNLGSFTFQATLLMDGRII
 FGYKEIPVLVTQISSTNHPVKVGLSDAFVVVHRIQQIPNVRRRTIYEYHRVELQMSKITNISAVEMTPL
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 SGPTRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLL
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 PEDSVIFTDKIIRSNTAVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDVSHMHFKSAIHPSILQNGGP
 MFAFRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



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](#)

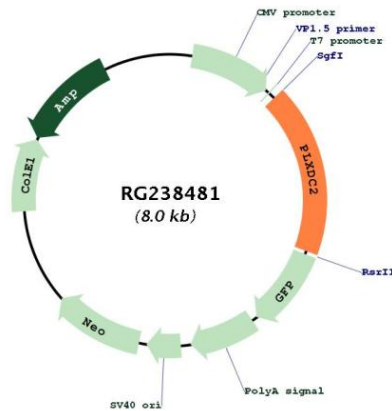
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

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]

Product images:



Circular map for RG238481