

Product datasheet for RG224720

PLXDC2 (NM_032812) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	PLXDC2 (NM_032812) 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)
Restriction Sites:	Sgfl-RsrII
Cloning Scheme:	Cloning sites used for ORF Shuttling:



Hind III Nhe I Rsr II Mlu I Not I Xho I GFP Tag CAAGCTTAACTAGCTAGCGGACCG ACG CGT ACG CGG CCG CTC GAG ATG GAG AGC GAC --- ---T R T R P L E M E S D - - -

 Pmel
 Fsel

 --- GAA
 GAA
 AGA
 GTT
 TAA
 ACGGCCGGCCGCGGGAGCT

 E
 E
 R
 V
 stop

 ACCN:
 NM_032812

 ORF Size:
 1587 bp



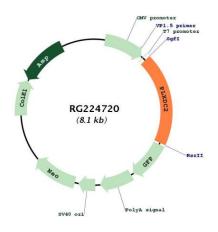
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PLXDC2 (NM_032812) Human Tagged ORF Clone – RG224720	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through 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. <u>More info</u>
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 Methoo	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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:	<u>NM 032812.9</u>
RefSeq Size:	2594 bp
RefSeq ORF:	1590 bp
Locus ID:	84898
UniProt ID:	<u>Q6UX71</u>
Cytogenetics:	10p12.31
Domains:	PSI
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	May play a role in tumor angiogenesis.[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for RG224720

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