

Product datasheet for **RG202835**

PLCXD1 (NM_018390) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLCXD1 (NM_018390) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PLCXD1
Synonyms:	LLOXNC01-136G2.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG202835 representing NM_018390 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCGGGCAGGTGAGCGCTTCCAACAGCTTCTCGAGGCTGCACTGCAGAAATGCCAACGAGGACTGGA
TGTCGGCACTGTGTCCCGGCTCTGGGATGTGCCCTCCACCACCTCTCCATCCAGGGAGCCACGACAC
GATGACGTAAGTGCCTGAACAAGAAGTCCCCATTTGCGACGAGGAGTCCCGGCTGCTGCAGCTGCTGAAC
AAGGCCTTGCCCTGCATCAGCGCCCTGTCGTGCTGAAATGGTCCGTACCCAGGCACTGGACGTCACAG
AGCAGCTGGATGCCGGGTGCGGTACCTGGACCTGCGGATAGCCACATGCTGGAGGGCTCGGAGAAGAA
CCTGCACTTTGTCCATATGGTGTACACAACGGCGCTGGTGGAGGACACACTCACGGAATCTCGGAGTGG
CTGGAGCGGCATCCACGCGAGGTGGTATCCTGGCCTGCAGAACTTCGAGGGGTGAGCGAGGACCTGC
ACGAGTACCTGGTCGCCTGTATCAAGAACATCTTCGGGGACATGCTGTGCTCCTCGTGGGGAGGTGCCGAC
ACTGCGGCAGCTGTGGTCCCGGGGCCAACAGGTATCGTCTCCTATGAAGACGAGAGCTCCTTGCGCCGG
CACCACGAGCTGTGGCCAGGAGTCCCTACTGGTGGGGAAACAGGGTGAAGACCGAGGCCCTCATCCGAT
ACCTGGAGACCATGAAGAGCTGCGGCCGCCAGGAGGGTTGTTGCGTGGCCGGCATCAACCTCACGGAGAA
CCTGCAGTACGTTCTGGCGCACCCGTCCGAGTCCCTGGAGAAGATGACGCTGCCAACCTTCCGCGGCTG
AGCGGTGGGTCCGAGAGCAGTGCCCGGGGCCGGTTACGGTGCACCAACATCATCGCGGGGAGCTTCA
TCGGCGCAGACGGCTTCGTAGTGACGTATCGCGCTCAATCAGAAGCTGCTGTGGTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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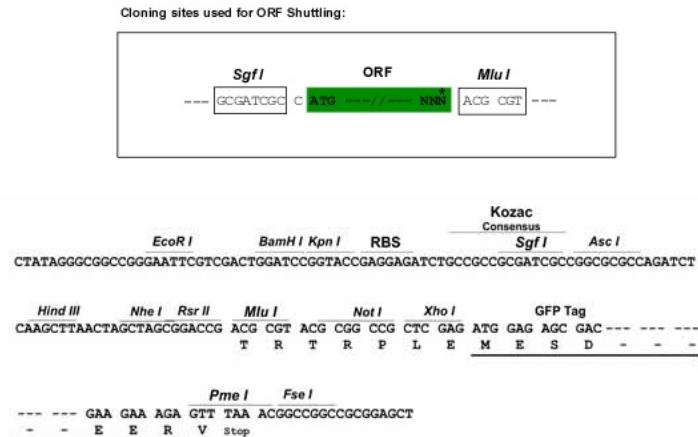
Protein Sequence: >RG202835 representing NM_018390
 Red=Cloning site Green=Tags(s)

MGGQVSASNSFSRLHCRNANEDWMSALCPRLWDVPLHLSIPGSHDTMTYCLNKKSPISHEESRLQLLN
 KALPCITRPVVLKWSVTQALDVTEQLDAGVRYLDLRIAHMLEGSEKNLHFVHMVYTALVEDTLTEISEW
 LERHPREVVILACRNFEGLSEDLHEYLVACIKNIFGDMLCPRGEVPTLRQLWSRGQQVIVSYEDESSLRR
 HHELWPGVPYWGNNRVKTEALIRYLETMKSCGRPGLFVAGINLTENLQVYLAHPSESLEKMTLPNLPRL
 SAWVREQCPGPGSRCTNIIAGDFIGADGFVSDVIALNQKLLWC

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_018390

ORF Size: 969 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_018390.2](#), [NP_060860.1](#)

RefSeq Size: 2085 bp

RefSeq ORF: 972 bp

Locus ID: 55344

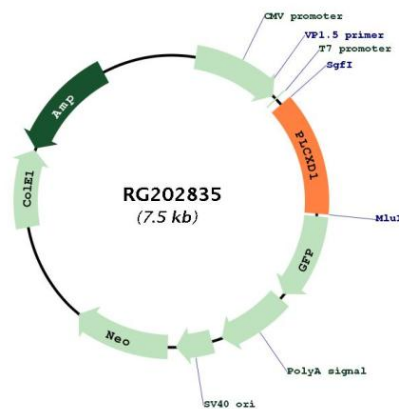
UniProt ID: [Q9NUJ7](#)

Cytogenetics: X;Y

Domains: PI-PLC-X

Gene Summary: This gene is the most terminal protein-coding gene in the pseudoautosomal (PAR) region on chromosomes X and Y. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]

Product images:



Circular map for RG202835