

Product datasheet for **SC320155**

PLCXD1 (NM_018390) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLCXD1 (NM_018390) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLCXD1
Synonyms:	LL0XNC01-136G2.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_018390.2
 AATAAGAACAAAACTGCAGCCACCTGGGAAGCCTGGCCTCAGTGTGGAAGAGAAGGCAG
 CAGGATTATTACAGAACCTTGTGAAGCCAAACGCGGGCAGCCGAGGAGCTGCAGACCGA
 GAGGATCTCGTCTTTCTTGGCGCCAGGGAGACCAGGCCTTTCATTCTGGGCTCGAGAC
 CAACAATTCGAATTCGAACTCCCCCTGCGTGTGGGACTCAAGGTTGCCAGGGCTCACC
 TCTGATGGGCGGGCAGGTGAGCGCTTCCAACAGCTTCTCGAGGCTGCACTGCAGAAATGC
 CAACGAGGACTGGATGTCGGCACTGTGTCCCGGCTCTGGGATGTGCCCTCCACCACCT
 CTCATCCCAGGGAGCCACGACGATGACGTACTGCCTGAACAAGAAGTCCCCCATTTTC
 GCACGAGGAGTCCCGGCTGCTGCAGCTGCTGAACAAGGCCTTGCCTGCATCACGCGCCC
 TGTCTGCTGAAATGGTCCGTCACCCAGGCACTGGACGTACAGAGCAGCTGGATGCCGG
 GGTGCGGTACCTGGACCTGCGGATAGCCACATGCTGGAGGGCTCGGAGAAGAACCTGCA
 CTTTGTCCATATGGTGTACACAACGGCGCTGGTGGAGGACACACTCACGAAATCTCGGA
 GTGGCTGGAGCGGCATCCACGCGAGGTGGTCATCTGGCCTGCAGAACTTCGAGGGGCT
 GAGCGAGGACCTGCACGAGTACCTGGTCGCTGTATCAAGAACATCTTCGGGGACATGCT
 GTGTCTCGTGGGAGGTGCCGACACTGCGGCAGCTGTGGTCCCGGGGCCAACAGGTCAT
 CGTCTCCTATGAAGACGAGAGCTCCTTGCGCCGGCACCACGAGCTGTGGCCAGGAGTCCC
 TACTGGTGGGGAACAGGGTGAAGACCGAGGCCCTCATCCGATACCTGGAGACCATGAA
 GAGCTGCGGCCGCCAGGAGGGTGTTCGTGGCCGGCATCAACCTCACGGAGAACCTGCA
 GTACGTTCTGGCGCACCCGTCCGAGTCCCTGGAGAAGATGACGCTGCCAACCTTCCGCG
 GCTGAGCGCGTGGGTCCGAGAGCAGTGCCCGGGGCCGGGTTACGGTGCACCAACATCAT
 CGCGGGGGAATTCATCGGCGCAGACGGCTTCGTAGTGACGTATCGCGCTCAATCAGAA
 GCTGCTGTGGTGTGACGGGACCTTCTGAAGTTCGGGACGCGGGCGCTGCAGTTTACC
 CCCGAATTTCAAAGTATTGTGACTTTGTTGGGCCAAATGTTGGTGATCATAGGACCGAT
 GATAATACGTTTTTCATTTTCCCAAAGTGTGGGATGACAGGCGTGAGCCACCGCGCCCG
 CCTATACCTCATTTTCTACATGTCGCTTGTGGAGCTGCTGGTTCAAGTTCACGCCAGC
 CAATGGATGCCAGCACCATTTTTACTCCCTTTCCCAAGCAAATCGTGCATTTTTGTCTA
 ACGAGAGACATCAGTTTCTCAGGATGATCCTCAAGAACGTTATGGAGTCCATGTTGCAAT
 AGGTTCTCTTTGGGACCTAATGACTCATTTTCCAAAAATCCGCTTCTACTTTTGGTACCC
 GGTTGCTACGGTGAAATGAAGGTGCCCGCATCCAGAAAGACGCACTCCTGGACCACAAC
 CGGCGGCTACCTCAGCCACAGGCTCTGCAGGATCAGGGCTCGGGCAGGCCCCGCGGAGA
 TGAAGAATTTGCAGGGAGCCTCCCTGACTTCCGTGGCTGTGAATCCTTGTCTGTAGGG
 GCGTATCCACAAAATCACCGAATTCATACAGATCGTTAAATAAATGAACATCATTAAAG
 TCAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_018390

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_018390.2, NP_060860.1</u>
RefSeq Size:	2085 bp
RefSeq ORF:	972 bp
Locus ID:	55344
UniProt ID:	<u>Q9NUJ7</u>
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] Transcript Variant: This variant (1) encodes the functional protein.