

Product datasheet for **MG216076**

Plcxd1 (NM_207279) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plcxd1 (NM_207279) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Plcxd1
Synonyms: A330045H12Rik; Gm576
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG216076 representing NM_207279
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATG**CAGGGACTAGAGCCGAGCAGGGTAGGAAGAGTGGGTGAAGTCTGCCGCTCAGTGCATAAGAACGTGT**
TGACCGTCCCAGAGCACACAGTAGGCACCGAAGCTGCAGCTCCCATGGGAGACCAGGCAGACTGGATGTC
GCAGCTGTGCCCTCAGCTGTGGGATGTCCCCTGCACCACCTGCCATCCCAGGGAGCCACGACACGATG
ACATACTGCCTGAACCGTAAGTCTCGGATCTCCCGTGCAAGTTCGTGGCTACTGCACCTGTTGGGCCGGG
TCGTGCCATTCATCACCGGGCCCGTGGTATGAAATGGTCGGTCACACAGACCCTGGACGTGACGCAGCA
GCTGGATGCGGGCGTGCGGTACCTGGACCTGCGGATCGCGCATGCGCCGGAGGGCTCTACACGGAACCTA
TGCTTCGTGCACATGATGTACACGAAGGCGCTGGTGGAGGACACCCTCACTGAGATAGCTGAGTGGCTGC
AATCACACCCCGCGAGGTGGTCATCTTGGCTTGACAGAACTTCGAGGGGATGACTTGTGAGTTGCACGA
CTATCTCGCGGGCTGCATCGTGAACATTTTGGAGACATGCTGTGTCCCAGTGGGAAAGTCCCACACTG
AGGCAGCTATGGGCACGAGAGCAGCAGGTATCGTGTCTACGAGGATGAGGCCACAGTCAGCCGTTATG
ATCAGCTGTGGCCTGCGATCCCATACTGGTGGGAAATGCAGTGAAGACAGATGTGCTGCTGCGGTTCT
GGAGACCATGAAGGGCCAAGGCCGCCAGATGGTCTGTTCGTTGCTGGGATCAACATCACTGAGAACCCTG
TGCTACATCCTCCTGCACCCAGTGGACTCCCTGGAGGAGATGACACGTGCGAGCCTCCCCCTCATGACCG
AGTGGGTGTGTGCACAGCAGCCGGGGCAGAGCCCTCAATGCACCAACATCATCGCAGGCGACTTCGTGGA
TGCGGATGGCTTCGTGAGTAAGGTCATCAGCCTGAATTGCAAACCTGCTGTCTCCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - **GTTTAA**



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Protein Sequence: >MG216076 representing NM_207279
Red=Cloning site Green=Tags(s)

MQGLEPSRVGRVGEVCRSVHKNVLTVP EHTVGTEAAAPMGDQADWMSQLCPQLWDVPLHHL SIPGSHDTM
 TYCLNRKSRISRASSWLLHLLGRVVPFITGPPVMKWSVTQTL DVTQQLDAGVRYLDLRIAH APEGSTRNL
 CFVHMMYTKALVEDTLTEIAEWLQSHPREVVILACRNFEGMTCELHDYLAGCIVNIFGDM LCPSGEVPTL
 RQLWAREQQVI VSYEDEATVSRYDQLWPAIPYWWGNAVKTDVLLRFL ETMKGQGRPDGLFVAGINITENL
 CYILLHPVDSLEEMTRRSLPLMTEWVCAQQPGQSPQCTNIIAGDFVDADGFVSKVISLNCKLLSP

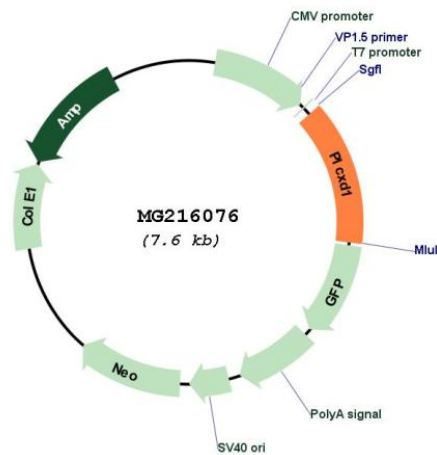
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_207279

ORF Size: 1071 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:	<ol style="list-style-type: none">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_207279.1
RefSeq Size:	3484 bp
RefSeq ORF:	1074 bp
Locus ID:	403178
Cytogenetics:	5 F