

Product datasheet for **MG202520**

Pddc1 (BC023835) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pddc1 (BC023835) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pddc1
Synonyms:	MGC38368
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG202520 representing BC023835 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTCCGAGCGGCTGCCAAGCAGGCCTGCGTGTCTCCTGGTGGCCAGCGGCGCTCCGAAGGTGTGT
CAGCCCAGTCCTTCGTCCACTGTTTCACACTGGCCAGTGTGCCTTCAACCTACAGGTGGCCACCCAGG
GGGAAAGGCCATTGACTTTGTGGATGTGACTGAGAGCAATGCCCGATGGGTACAAGACTTCCGCCTCAAG
GCATACGCCAGTCCTGCTAAGCTTGAGTCCATAGATGGTCCCGTACCATGCCCTCCTGATTCCCAGT
GTCTGGCGCCCTGACAGATCTTGCCAGCAGTGGGTCCCTGGCTCGAATACTGCAGCACTCCGCTCTGA
GAGCAAACCCATCTGCGCCATTGGCCATGGTGTGCTGCCTGTGCTGTGCTACCAATGAAGATAGGTCC
TGGGTGTTCCAGGGCTACAGTCTGACAGGGCCTTCAGTGTACGAGCTCATCAGAGCACCTGGCTTTGCC
GCCTACCATGATCGTTGAGGACTTTGTGAAGGACTCTGGTGTGGCTTCAGTGCCAGTGAGCCGACGC
TGTGCACGTGGTGTGGACCGCCATCTGGTCACTGGCCAGAACGCTAACTCCACAGTTCTGCTGTCCAG
AACCTGCTCTTCTCTGCGGCAGCCGGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202520 representing BC023835
 Red=Cloning site Green=Tags(s)

MASERLPSRPACLLVASGASEGVSAQSFVHCFTLASAAFNLQVATPGGKAIDFVDVTESNARWVQDFRLK
 AYASPAKLESIDGARYHALLIPSCPGALDLASSGLARILQHFRSESKPICAIGHGVAALCCATNEDRS
 WVFQGYSLTGPSVYELIRAPGFARLPLIVEDFVKDSGAGFSASEPDAVHVVLDRHLVLTGQANSTVPAVQ
 NLLFLCGSRK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC023835

ORF Size: 662 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.

RefSeq: [BC023835](#), [AAH23835](#)

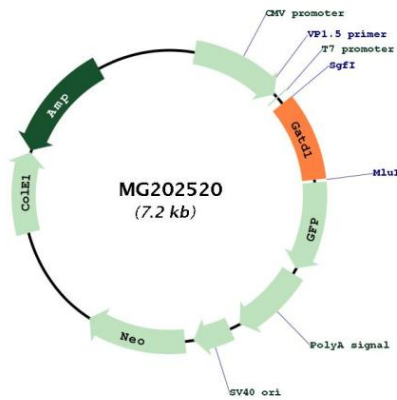
RefSeq Size: 1154 bp

RefSeq ORF: 662 bp

Locus ID: 213350

Cytogenetics: 7 F5

Product images:



Circular map for MG202520