

Product datasheet for **MG215776**

Dctd (NM_001161515) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dctd (NM_001161515) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Dctd
Synonyms: 6030466N05Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG215776 representing NM_001161515
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTTCTACCCCAACATGAGTGACATTTCTGCAAAAACGGGATGACTATCTGGAATGGCCCGAGT
ATTTTCATGGCAGTGGCCTTCTTGTGAGCACAAGAAGCAAGGACCCAAGTCCCAGGTGGGGCCTGCAT
TGTGAACACAGAAAACAAGATTGTTGGGATCGGGTACAATGGCATGCCAAATGGGTGCAGTGATGACCTG
TTGCCTTGGAGGAGAACAGCAGAAAATAAGCTGGATACTAAATATCCTTATGTGTGCCATGCCGAGCTGA
ACGCCATCATGAACAAGAACTCGGCTGATGTGAAGGGCTGCAGCATGTACGTCGCCTTGTCCCCTGTAA
CGAATGTGCTAAACTCATCATCCAGGCAGGTATAAAAGAGGTTATCTTCATGTCGGATAAATACCACGAC
AGCGAGGAGACGACAGCTGCCAGGCTCCTGTTTAAAGTTGGCTGGGTTACGTTTCAGAAAATTCACACCGA
AGTACAGCAAGATTGTCATTGACTTTGATTTCGATCAATAGCCGACCGAGTCAGAAGCCTCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG215776 representing NM_001161515
Red=Cloning site Green=Tags(s)

MTSTPNMSDISCKRDDYLEWPEYFMAVAFLSAQRSKDPSSQVGACIVNTENKIVGIGYNGMPNGCSDDL
LPWRRTAENKLDTKYPYVCHAEINAIMNKNSADVKGCSMYVALFPCNECAKLIIQAGIKEIVFMSDKYHD
SEETTAARLLFKLAGVTRFKFTPKYSKIVIDFDSINSRPSQKPKQ

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<u>NM_001161515.1</u> , <u>NP_001154987.1</u>
RefSeq Size:	2096 bp
RefSeq ORF:	555 bp
Locus ID:	320685
UniProt ID:	<u>Q8K2D6</u>
Cytogenetics:	8 B1.1
Gene Summary:	Supplies the nucleotide substrate for thymidylate synthetase.[UniProtKB/Swiss-Prot Function]