

Product datasheet for **MG215200**

Dut (NM_001159646) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dut (NM_001159646) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Dut
Synonyms: 5031412I06Rik; 5133400F09Rik; D2Bwg0749e; Dutp; dUTPase
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG215200 representing NM_001159646
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTCTCTAAGCGTGCTGCTGCGCGCCCGCTGCAGGCCGCTCTGCTCCGCGGGCGTGCGCTCGGGT
 CGGCGCGGAGCCGGAGCTGCCGAGGAAGCCGAGGAGCTCCGGCCGGGAGCGCGCGCTGATGCCGCGGC
 CGTCTCTGCCTCAAGAGGGCTCGAGCGGAGGATGGCGCTTCTCTGCGCTTCGTGCGGCTCTCGGAGCAC
 GCCACGGCGCCACCCGCGGGTCCGCGCGCTGCCGGCTACGACCTATTCAGTGCCTATGATTACAA
 TATCACCCATGGAGAAAGCCATCGTGAAGACAGACATTCAGATAGCTGTCCCTTCTGGGTGCTATGGAAG
 AGTAGCTCCACGTTCTGGCTTGGCTGTAAGCACTTCATAGATGTAGGAGCTGGTGTATAGACGAGGAT
 TACAGAGGAAACGTTGGGTCGTGCTGTTAACTTTGGGAAAGAGAAAGTTTGAAGTGAAAAAGGTGATC
 GGATTGCGCAGCTCATCTGTGAGCGGATTTCTTATCCAGACTTAGAGGAAGTGCAGACCCTGGATGACAC
 CGAGAGAGGCTCAGGAGGCTTCGGCTCCACCGGAAGAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG215200 representing NM_001159646
 Red=Cloning site Green=Tags(s)

MPLL SVLLRRLQAALLRGRALGSARSRSCGRGAPAGSARADAAA V SASKRARAEDGASLRFVRLSEH
 ATAPTRGSARAAGYDLFSAYDYTISPMEKAI VKTDIQI AVPSGCYGRVAPRSLAVKHFIDVGAGVIDED
 YRGNVGVVLFNFGKEKFEVKKGDRIAQLICERISYPDLEEVQTLDDTERGSGGFGSTGKN

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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: [NM_001159646.1](#), [NP_001153118.1](#)

RefSeq Size: 2263 bp

RefSeq ORF: 603 bp

Locus ID: 110074

Cytogenetics: 2 61.33 cM