

Product datasheet for MR215200

Dut (NM_001159646) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dut (NM_001159646) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dut
Synonyms: 5031412I06Rik; 5133400F09Rik; D2Bwg0749e; Dutp; dUTPase
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR215200 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCTCCTAAGCGTGCTGCTGCGCGCCCGCTGCAGGCCGCTCTGCTCCGCGGGCGTGCGCTCGGGT
 CGGCGCGGAGCCGGAGCTGCCGAGGAAGCCGAGGAGCTCCGCGCGGAGCGCGCGCTGATGCCGCGGC
 CGTCTCTGCTCCAAGAGGGCTCGAGCGGAGGATGGCGCTTCTCTGCGCTTCGTGCGGCTCTCGGAGCAC
 GCCACGGCGCCACCCGCGGGTCCGCGCGCTGCCGGCTACGACCTATTCAGTGCCTATGATTACAA
 TATCACCCATGGAGAAAGCCATCGTGAAGACAGACATTCAGATAGCTGTCCCTTCTGGGTGCTATGGAAG
 AGTAGCTCCACGTTCTGGCTTGGCTGTAAGCACTTCATAGATGTAGGAGCTGGTGTATAGACGAGGAT
 TACAGAGGAAACGTTGGGTCGTGCTGTTAACTTTGGGAAAGAGAAGTTTGAAGTGAAAAAAGGTGATC
 GGATTGCGCAGCTCATCTGTGAGCGGATTTCTTATCCAGACTTAGAGGAAGTGCAGACCCTGGATGACAC
 CGAGAGAGGCTCAGGAGGCTTCGGCTCCACCGGAAGAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR215200 protein sequence
 Red=Cloning site Green=Tags(s)

MPLL SVLLRRLQAALLRGRALGSARSRSRGRGAPAGSARADAAAVSASKRARAEDGASLRFVRLSEH
 ATAPTRGSARAAGYDLFSAYDYTISPMEKAIVKTDIQIAVPSGCYGRVAPRSGLAVKHFIDVGAGVIDED
 YRGNVGVVLFNFGKEKFEVKKGDRIAQLICERISYPDL EEVQTLDDTERGSGGFGSTGKN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001159646

ORF Size: 603 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: [NM_001159646.1](#), [NP_001153118.1](#)

RefSeq Size: 2263 bp

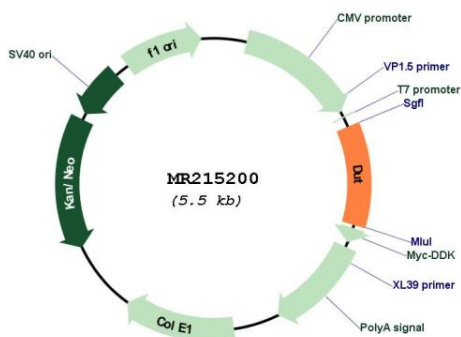
RefSeq ORF: 603 bp

Locus ID: 110074

Cytogenetics: 2 61.33 cM

MW: 21.3 kDa

Product images:



Circular map for MR215200