

Product datasheet for **RN214113**

Dus2 (NM_001106181) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dus2 (NM_001106181) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dus2
Synonyms:	Dus2l; RGD1305612
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214113 representing NM_001106181
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGATTGTGAACAGCCTCTCCCTGTGCTACCACAATAAACTCATATTAGCCCCAATGGTTCGGGTGGGGA
 CTCTGCCAATGCGCCTCCTAGCCCTGGATTATGGAGCAGACATTGTTTACTGTGAGGAGCTGATTGACCT
 TAAGATGCTCCAGTGCAGGCGAGTTGTAATGAGGTGCTCAGCACAGTGGACTTTGTTGCTCCTGATGAT
 CGAGTAGTCTTCCGCACGTGTGAAAGAGAACAGAGCAGGGTGGTCTTCCAAATGGGGACTTCAGATGCAG
 AGCGAGCCCTTGTGTGGCCAGGCTTGTAGAAAATGATGTAGCTGGTATTGATGTCAACATGGGCTGTCC
 CAAAGAGTATTCCACTAAGGGAGGAATGGGAGCCGCTCTGTTGTCAGACCCTGACAAGATCGAGAAGATC
 CTCAGTACTCTTGTAAAGGAACACACAGACCTGTGACCTGTAAAATCCGAATCTGCCCTCGTAGAAG
 ATACCCTGAACCTTGTGAAGCGGATAGAGAGGACTGGCATTTCAGCCATTGCAGTTCATGGGAGGAATCG
 TGATGAGCGACCTCAGCACCTGTGAGCTGTGAAGTTATAAGAGCCATTGCTGAAACCTCTCCATTCTCT
 GTCATAGCCAACGAGGATCTCATGACCACATCCAGCAACATTTGGACATAGAAGACTTTTCGACAAGCCA
 CAGCTGCTTCTCAGTGATGGTAGCCCGAGCAGCCATGTGGAACCCCTCCATCTTCTCAAGGATGGCCT
 TCGTCCACTGGAGGAAGTCATGCAGAAGTACATCAGATATGCGGTGCAGTATGATAACCACTACACCAAC
 ACCAAGTACTGCTTGTGCCAGATGCTGCGGGAACAGTTGGAGTCACCCAGGGAAGGATGCTGCATGCTG
 CCCAGTCTTCCAGGAAATTTGTGAGGCCTTTGGCCTTGGCACCTTCTACGAGGACACCATTCGGGAGCT
 CGATGCTCGGCGAGCTGACCTCTTGGCCAAGACTCCAGAGGCAGTTGAGGAGCCAGCTGAAGATACCTCT
 GGCATCATTAATAATGGCTATCAGGTTTGACCGGAGAGCATACCCACCCAGATCACCCCAAGACATGCC
 TGCTGGAATGGTGTGCGAGAGAGAAGTTGCCACAGCCTGTGTATGAAACAGTTCAGCGACCTATAGATCG
 CATGTTCTGCTCTGTTGTCACTGTTGCGGAACAAAAGTACCAGTCCACTTTGTGGGACAAGTCCAAGAAA
 CTGGCAGAGCAGACTGCAGCAATTGTGTGTCTGAGGAGCCAGGGCCTCCCTGAAGTTCGACTGGGTGAGG
 AGAACCTTCTTGAACAAGCGCAAGCGAGAGGCCCCCAACCAAGACCGGGGGGCCCAAGAGTTTCAGGA
 GACAGCACTCCCTGGGAGATCTGCAAGAAGCCATTTGTAACTTGGAAAGTAGTGAAGAGAATCTGCTG
 GAAGGCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106181

Insert Size: 1482 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001106181.1, NP_001099651.1

RefSeq Size: 1936 bp

RefSeq ORF: 1482 bp

Locus ID: 291978

Cytogenetics: 19q12