

Product datasheet for **RN201395**

Dalrd3 (NM_001014214) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dalrd3 (NM_001014214) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dalrd3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201395 representing NM_001014214
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACCGGGCGCCTTGGGGTTGGGAGACGCTGCAGGCCCTAACGCCGCTGTAGGGCCTGGTAGCC
 CGGTGTGGTTTAAAGGAAACGCATGCCCGACACCTTCGTGTCCGAGACTTCTTGGCACCGGAAGCGCGCT
 ACAGGCGCGCTTACGGGACGGGACAGGTGCCAGAGTGCCTGTTCCGGGCGGTCTCCTGCCTGCAGGGTCCG
 GGAGTGGCCCTGTTCTGCGTTGCGCGCCACACCCGCGGGCTTATCGCTCCAACACAGCGGCCCGCAG
 TCTTCGAACATGTACTCGGTGCCCTGCCCTCCTATGCTACTCCTGCCAAACCCGCTCACCAGGCCCGCG
 CGTTATCTACACTGCCCGCACTGCGCTGTAATCCAGATACGCTCCGATTGAGCCAGCTGCGTGTGTG
 CTAGTGGCCGATCACCTAGTACGGGTGCTGCGCGCTCACGGGTACGTGTGTGCACAGTGCCCCCGGTGC
 GGGACCCACACATGTCAACTTTCCTCCAGAACTTCGAGTGGAATGGCCCTCTGCCTCAAAGAACACCTC
 GACCGAAACACTGAGGACCTGTGTTCTTGCAAAGTTTAAATGTTTCTAAGGAGGAGACTGCCCCCTGGC
 GTCTAGGCCGACTGTGTCTGAAGGAACTGGTAGAACAGAGACATGCTGCTGGCTATGACCCAGCATAG
 ATCACTGTTTGGTGAAGATCTGCTCTCTGTGCTGTCTGAGCTGCAGGAGGCTGCGGCCATTGGCC
 AGAGGATGGCCACCCAGCCCGGTTGGGGTCCAGATGCCGGTGTAGATGACTGTGTGGTTATACATGTG
 GTGAGCTGTGAAGAGGCATTCCAGCAACAAAAGCTGGATCTGCTTGGCAGAAGGTGGATGACCAGGTTC
 CTCACAGGCAGAAGCACCTGGTGTGTGGCCAGTGAAAGTAGCTGGTGTGCTGGCACCCAGATGACCGC
 CCCCAGTACCACAGGCTCCGACATGCTCAGGTGTGCAAGGCCTCAGCCAGAAGCATGGTGGTACTTG
 GCACAAGACCCGGCCTGGACCGAGACCTTTGATATTCTCTGTGGCCACCATTAATTTGAGATGCTAA
 GCACAGCTCCACAGGGCCAGCTCCTCCTAGCCACAGCACCATCTCCACAAGGGCACGAAGAGTGGGAT
 GTTTGTACATGTATAACTGTGCCCGCCTTGCCACGCTCTTCGAGGGTTACAAACACGGAATGGAACAAGGT
 CTGTATCCCACTTCCCGCTCGTGAAGCAGTCTGGATTTCTCATTACTCCATGATGAGGGTGAAGTGGCTGC
 TGCTTTTCAACAGTGTCTTCCCTTCTGGACCTCCTGAGCCAGACTGTGAGCCTGGCTAGCACCCAGG
 GCTCCACATCCCTGTTCCGACGGAGATGGTGTGCAAGTTCCTGGTGCAGCTCAGCATGGATTTAGCTCA
 TACTATAACCGCGTACACATTCTAGGGGAACCTCGGCCACACCTTTGGTGCAGATGTTTGTCTCGCTAC
 AGCTTTTGAAGGCGAGTACGTGAGGTGTTCCACACAGGCTTGGCCATGCTGGGCCCTCCCTCCGCTGAGCCA
 CATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001014214
- Insert Size:** 1617 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_001014214.1](#), [NP_001014236.1](#)

RefSeq Size: 1761 bp

RefSeq ORF: 1617 bp

Locus ID: 363146

UniProt ID: [Q641Y9](#)

Cytogenetics: 8q32

Gene Summary: Involved in tRNA methylation. Facilitates the recognition and targeting of tRNA(Arg)(CCU) and tRNA(Arg)(UCU) substrates for N(3)-methylcytidine modification by METTL2.[UniProtKB/Swiss-Prot Function]