

## Product datasheet for **RR201558**

### Dld (NM\_199385) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dld (NM_199385) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dld
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RR201558 representing NM\_199385  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCAGAGCTGGAGTCGTGTACTGCTCCTTGCCAAGAAAGGCCATTTCAATCGGCTGTCTCATGGCC  
 TACAGGGGGCTTCTCAGTTCATTAAGAACTTATTCAGATCAACCAATTGATGCTGATGTGACAGTGAT  
 AGGTTCTGGTCTGGAGGATATGTTGCTGCCATCAAAGCTGCCAGTTAGGCTTTAAGACAGTCTGCATT  
 GAGAAGAATGAAACACTAGGAGGAACATGCTTGAATGTTGGTGTATTCTTCAAAGGCTTTATTAATA  
 ATTCTCATTATTACCATTTGGCCATGGAAAAGATTTTGCATCTAGGGGAATTGAAATACCAAGAAGTTCC  
 CTTGAATTTAGAGAAGATGATGGAGCAGAAGCGTTCTGCAGTAAAAGCATTAAACAGGGGGAATTGCCAC  
 TTATTCAAACAAAATAAGGTTGTCATGTCAATGGATTTGGAAAGATAACTGGCAAGAATCAGGTTACAG  
 CTACAACGGCCGATGGCAGCACTCAGGTTATTGGTACAAAAACATCCTTATAGCTACGGGCTCAGAAGT  
 TACTCCTTTTCCGGAATCACGATTGATGAAGACACTATAGTGTGCTCTACGGGAGCTTTATCCTTAAAA  
 AAAGTTCCAGAGAAGTTGGTTGTTATTGGTGCAGGAGTAATCGGTGTGGAATTGGTTTCAGTTTGGCAA  
 GACTTGGTGCAGATGTGACAGCGGTTGAATTTTTGGGTCAATGTGGTGGGAATTGGAATCGACATGGAGAT  
 ATCTAAAAATTTCAACGTATTCTTCAAAGCAAGGATTTAAGTTAAGCTGAATACAAAAGTTACTGGT  
 GCCACCAAGAAGTCAGATGGAAAATTGATGTGTCTGTGCAAGCTGCATCTGGTGGGAAAGCTGAAGTCA  
 TCACGTGTGATGTACTCTTGGTTTGCATCGGTGACGGCCCTTACGCAGAAATTTGGGACTAGAAGAGCT  
 TGAATTGAACAGATCCCAAAGGTAGAATCCAGTCAATACCAGATTTCAAACAAAATTTCAAATATC  
 TTTGCTATTGGAGATGTGGTTGCTGGTCCAATGTTGGCTCACAAAGCAGAAGTGAAGGCATCATCTGTG  
 TGAAGGAATGGCGGGTGGTGTGTCACATTGATTATAAATGTGTGCCTTCAGTGATTTACACACACCC  
 CGAGTTGCTTGGGTTGGCAAATCAGAAGAAGGTTGAAAGAAGAGGGTGTGAGTTCAAAGTTGGAAAA  
 TTCCCATTTGCTGCAAACAGCAGAGCTAAAACAAATGCTGACACAGATGGCATGGTCAAGATTCTTGGAC  
 ATAAATCCACAGATAGAATACTGGGAGCACATATTCTAGGACCAGGTGCTGGAGAATGGTGAATGAAGC  
 CGCCCTGGCATTGGAATATGGAGCGTCTGTGAAGACGTAGCTAGAGTCTGCCATGCACATCCGACCTTA  
 TCAGAGGCTTTAGAGAAGCAAACCTGGCTGCGTCTTTTGGCAAACCAATCAACTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR201558 representing NM\_199385  
 Red=Cloning site Green=Tags(s)

MQSWSRVYCSLAKKGHFNRLSHGLQGASSVPLRTYSDQPIDADVTVIGSGPGGYVAAIKAAQLGFKTVCI  
 EKNETLGGTCLNVGCIPSKALLNNSHYHLAHLGKDFASRGIEIPEVRLNLEKMMEQKRSVAVKALTGGIAH  
 LFKQNKVVHVNGFGKITGKNQVTATTADGSTQVIGTKNILIATGSEVTPFPGITIDEDTIVSSTGALSLK  
 KVPEKLVVIGAGVIGVELGSVWQRLGADVTAVEFLGHVGGIGIDMEISKNFQRILQKQGFKFLNLTQVTVG  
 ATKKSDGKIDVSEAAASGKAIEVITCDVLLVLCIGRRPFTQNLGLEELGIELDPKGRIPVNTRFQTKIPNI  
 FAIGDVVAGPMLAHKADEGIIICVEGMAGGAVHIDYNCVPSVIYTHPEVAWVGKSEEQLKEEGVEFKVVK  
 FPFANRAKTNADTDGMVKILGHKSTDRILGAHILGPGAGEMVNEAALALEYGASCEDVARVCHAHPTL  
 SEAFREANLAASFQKPIINF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

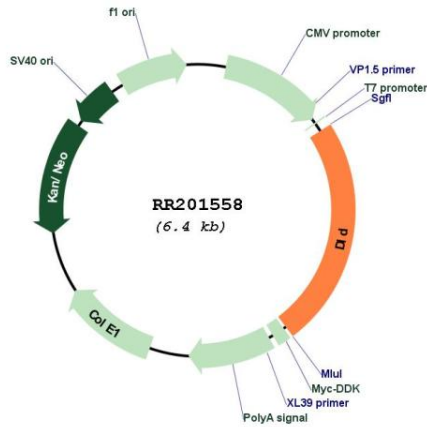
Sgfl-MluI



**MW:** 54 kDa

**Gene Summary:** This gene encodes a member of the class-I pyridine nucleotide-disulfide oxidoreductase family. A similar protein in human, mouse, and pig has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. In homodimeric form, the protein functions as a dehydrogenase and is found in several multi-enzyme complexes that regulate energy metabolism. However, as a monomer, the protein can function as a protease. [provided by RefSeq, Jan 2014]

**Product images:**



Circular map for RR201558