

Product datasheet for **MC225624**

Dda1 (NM_001294258) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dda1 (NM_001294258) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dda1
Synonyms: 1500034J01Rik; 1700095J19Rik; R74921
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225624 representing NM_001294258
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGACTTTCTGAAAGGCTTGCCCGTCTACAACAAGAGCAACTTCAGCAGGTTCACCGGGACTCTG
TGTGCAAGGCCTCGAACCGCCGTCCTCAGTATACCTGCCAGCCGAGAGTACCCGTGAGAACAGAAATG
CTGCCAAGAAGAGAGACCAAGAGCAGGTGGAGGCGGAGGGCGAGAGCTCAGCGCCACCTCGCAAGGTGGC
CCGGACCGACAGCCCGACATGCCGGAGGACACCTAGGTCTGTGCATCTCCCCTCATCTGTGAGCTCTG
TCCACTCCCACCCGCTGTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001294258
Insert Size: 303 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).
OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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| 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: | <ol style="list-style-type: none">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: | <u>NM_001294258.1, NP_001281187.1</u> |
| RefSeq Size: | 1875 bp |
| RefSeq ORF: | 303 bp |
| Locus ID: | 66498 |
| UniProt ID: | <u>Q9D9Z5</u> |
| Cytogenetics: | 8 B3.3 |
| Gene Summary: | May be involved in ubiquitination and subsequent proteasomal degradation of target proteins. Component of the DDD-E2 complexes which may provide a platform for interaction with CUL4A and WD repeat proteins (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate exon compared to variant 1, that causes a frameshift. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1. |