

## Product datasheet for MR218411

### Ociad2 (NM\_026950) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ociad2 (NM\_026950) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ociad2  
**Synonyms:** 1810027I20Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR218411 representing NM\_026950  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCTCAGTGTCCACTCATGGGAACCAAGAAAAAGCCCCACTTGCCGCCACTGAGCAAGCAGAGCC  
TGTTGTTTTGCCCAAATCAAACACTGCACATCCACAGAGGAGAGATTGCCAAGATTATCAGAGAGTGTCA  
AGAAGAGAGTTTCTGGAAGAGAGCCCTGCCTTTTCTCTTATAAGCATGCTTGTCACCCAGGGACTCGTC  
CACCAAGGTTATTTAGCCGCTAATCCAAGATTTGGATCATTGCCTAAAGTTGCATTGGCTGGTCTCTTGG  
GATTTGGCCTTGGGAAGGCTTCTATATAAGAGTGTGCCAGAGTAAATTCATTCTTTGAAGATCAGCT  
CCGTGGTGTGGCTTTGGTCTGAGCATAACAGGCACTGCCTGCTTACCTGTGAGGACTGTAAAACCAGG  
CGTGGATTAAGCGAGAAGGCAGGGTCACAACCATCTGCTTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR218411 representing NM\_026950  
Red=Cloning site Green=Tags(s)  
MASVSTHGNQEKSPHLPPLSKQSLFLCPKSKLHIHRGEIAKIIIECQEESFWKRALPFSLISMLVTQGLV  
HQGYLAANPRFGSLPKVALAGLLGFGLGKASYIRVCQSKFHSFEDQLRGAGFGPEHNRHCLLTCEDECKTR  
RGLSEKAGSQPSAS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9041\\_h10.zip](https://cdn.origene.com/chromatograms/mm9041_h10.zip)



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_026950

ORF Size: 462 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\\_026950.4](#), [NP\\_081226.1](#)

RefSeq Size: 2201 bp

RefSeq ORF: 465 bp

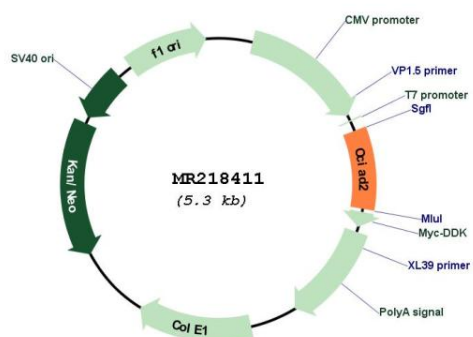
Locus ID: 433904

UniProt ID: Q9D8W7

Cytogenetics: 5 C3.2

MW: 17.4 kDa

### Product images:



Circular map for MR218411