

Product datasheet for **RC207652**

OCIAD2 (NM_152398) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: OCIAD2 (NM_152398) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: OCIAD2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC207652 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTCAGCGTCTGCTCGTGGAAACCAAGATAAAGATGCCCATTTTCCACCACCAAGCAAGCAGAGCC
TGTTGTTTTGTCCAAAATCAAACCTGCACATCCACAGAGCAGAGATCTCAAAGATTATGCGAGAATGTCA
GGAAGAAAGTTTCTGGAAGAGAGCTCTGCCTTTTTCTCTTGTGAAGCATGCTTGTCAACCAGGGACTAGTC
TACCAAGGTTATTTGCCAGCTAATTCTAGATTTGGATCATTGCCCAAAGTTGCACGCACTGCCTCCTTAC
CTGTGAGGAATGCAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC207652 protein sequence
Red=Cloning site Green=Tags(s)
MASASARGNQDKDAHFPSPKQSLFLCPKSKLHIHRAEISKIMRECQEESFWKRALPFSLVSMMLVTQGLV
YQGYLAANSRFGSLPKVARTASLPVRNAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6019_f08.zip

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_152398

ORF Size: 297 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.

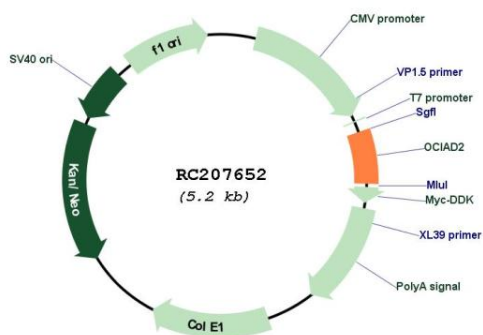
RefSeq: [NM_152398.3](#)

RefSeq Size: 684 bp

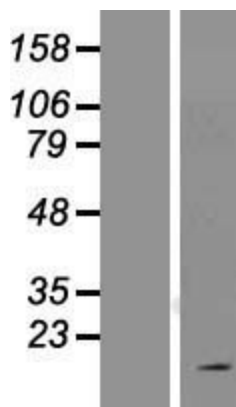
RefSeq ORF: 300 bp

Locus ID: 132299
 UniProt ID: [Q56VL3](#)
 Cytogenetics: 4p11
 MW: 11 kDa

Product images:



Circular map for RC207652



Western blot validation of overexpression lysate (Cat# [LY407566]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207652 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).