

Product datasheet for RC203998

C6orf130 (OARD1) (NM_145063) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C6orf130 (OARD1) (NM_145063) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C6orf130
Synonyms: C6orf130; dj34B21.3; TARG1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC203998 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAGCAGCCTTAATGAAGATCCAGAAGGAAGCAGAATCACTTATGTGAAAGGAGACCTTTTTGCAT
GCCCGAAAACAGACTCTTAGCCCACTGTATCAGTGAGGATTGTCGCATGGGCGCTGGGATAGCTGTCTCT
CTTTAAGAAGAAATTTGGAGGGGTGCAAGAAGCTTTAAATCAACAAAAGAAATCTGGAGAAGTGGCTGTT
CTGAAGAGAGATGGCGATATATATATTACTTGATTACAAAGAAAAGGGCTTCGCACAAGCCAATTATG
AAAATTACAGAAGAGTTTAGAGGCAATGAAGTCTCATTGTCTGAAGAATGGAGTCACTGACCTCTCCAT
GCCCAGGATTGGATGTGGTCTTGATCGTCTGCAATGGGAAAATGTATCTGCGATGATCGAGGAGGATTT
GAGGCAACAGACATCAAATTAAGTGTGTACACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC203998 protein sequence
 Red=Cloning site Green=Tags(s)

MASSLNEDPEGSRITYVKGDLFACPKTDSLHCISEDRCMGAGIAVLFKKKFGGVQELLNQQKKSGEVAV
LKRDRYIYYLITKKRASHKPTYENLQKSLEAMKSHCLKNGVTDLSMPRIGCGLDRLQWENVSAMIEEVF
EATDIKITVYTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_145063

ORF Size: 456 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_145063.3](#)

RefSeq Size: 1202 bp

RefSeq ORF: 459 bp

Locus ID: 221443

UniProt ID: [Q9Y530](#)

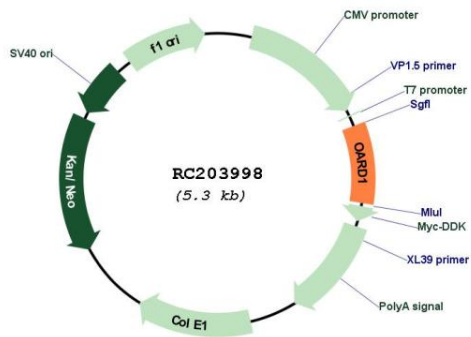
Cytogenetics: 6p21.1

Domains: A1pp, WWE

MW: 17 kDa

Gene Summary: The protein encoded by this gene is a deacylase that can convert O-acetyl-ADP-ribose to ADP-ribose and acetate, O-propionyl-ADP-ribose to ADP-ribose and propionate, and O-butyryl-ADP-ribose to ADP-ribose and butyrate. The ADP-ribose product is able to inhibit these reactions through a competitive feedback loop. [provided by RefSeq, Jul 2016]

Product images:



Circular map for RC203998