

## Product datasheet for RC228747

### C3ORF24 (FANCD2OS) (NM\_001164839) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C3ORF24 (FANCD2OS) (NM\_001164839) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** C3ORF24  
**Synonyms:** C3orf24  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC228747 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCAGGATACCAGCTCTGGTCACCATGGACCCACTGGATGAGAGTTTCCAATGGCTGCGGCACACGA  
 CACCTACACCTTCTCCAAGCACCCATTCAAGGCCTCCCCTGCTTCCACACACACCCGTCGACCTTGA  
 AGTGCAGCTGTGCTTTCAAGAGGTCCTAGTCTAGACAGCCATTCTGGAATCTGGAGTGAGTCCC  
 AAGTTACCCTGCCACACATCAGAGTTGCGCAGCATGAACAACAAAGGACTGGTCAGGAAGCCCCAGCCCA  
 TCCGCCTCAGTGGAGTAGATTCTGTCTTTGGCAGGTTATCACAGCTCAGCCACCAAAGTGACCGGGAC  
 TTTCAGAGTTTCAGACAAGTCAGCCTTTTGCAAAATCATTAGCAGGGAGCACCAGTGGCCATTGGACTG  
 AAGGAGCCTCAGATTCAGATGACAGTCACTATGTGCAAAACAGATGCTGCGCTCTATCCTCTTGCTGTATG  
 CAACTTACAAAAAGTGCACCTTTGCCTTGACAGCACTCCAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC228747 protein sequence  
 Red=Cloning site Green=Tags(s)

MAGYQLWSPWTPLEDSFQWLRHTTPTSSKHFPKASPCFPHTPSDLEVQLCFQEVTLVLDSPFLESGVSP  
 KLPCHTSELRTMNNKGLVRKPQPIRLSGVDSVFRVITAQPPKWTGTFRVSDKSAFCKIISREHQWPIGL  
 KEPQIQMTVTMCKQMLRSILLLYATYKKTFFALQHSK

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

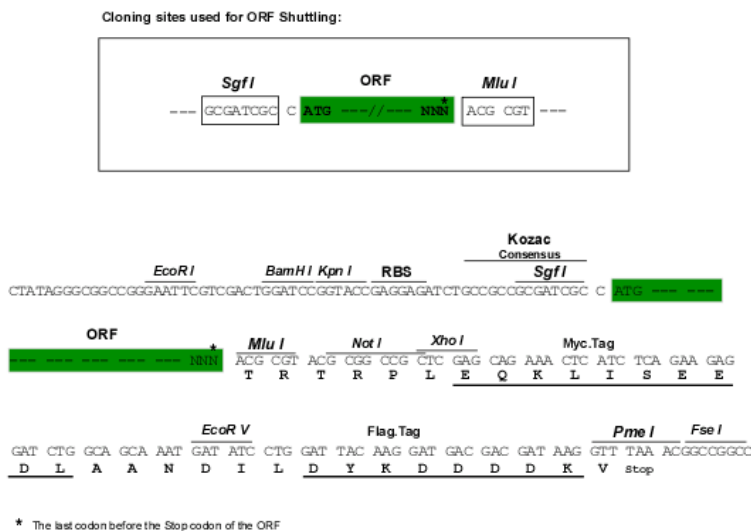
**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6331\\_a05.zip](https://cdn.origene.com/chromatograms/mk6331_a05.zip)



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_001164839

ORF Size: 531 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\\_001164839.2](#)

RefSeq Size: 865 bp

RefSeq ORF: 534 bp

Locus ID: 115795

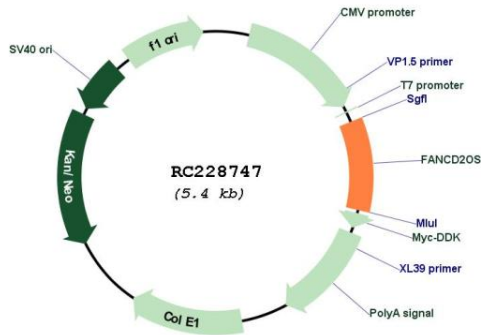
UniProt ID: [Q96PS1](#)

Cytogenetics: 3p25.3

MW: 20.2 kDa

Gene Summary: This gene encodes a conserved protein of unknown function. [provided by RefSeq, Jan 2013]

**Product images:**



Circular map for RC228747