

Product datasheet for RC207058

C3ORF24 (FANCD2OS) (NM_173472) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C3ORF24 (FANCD2OS) (NM_173472) 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: >RC207058 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGGATACCAGCTCTGGTCACCATGGACCCACTGGATGAGAGTTTCCAATGGCTGCGGCACACGA
 CACCTACACCTTCTCCAAGCACCCATTCAAGGCCTCCCCTGCTTCCACACACACCCGTCGACCTTGA
 AGTGCAGCTGTGCTTTCAAGAGGTCAGTCTAGTCTAGACAGCCATTCTGGAATCTGGAGTGAGTCCC
 AAGTTACCCTGCCACACATCAGAGTTGCGCACGATGAACAACAAAGGACTGGTCAGGAAGCCCCAGCCCA
 TCCGCCTCAGTGGAGTAGATTCTGTCTTTGGCAGGTTATCACAGCTCAGCCACCAAAGTGACCGGGAC
 TTTCAGAGTTTCAGACAAGTCAGCCTTTTGCAAAATCATTAGCAGGGAGCACCAGTGGCCATTGGACTG
 AAGGAGCCTCAGATTCAGATGACAGTCACTATGTGCAAAACAGATGCTGCGCTCTATCCTCTTGCTGTATG
 CACTTACAAAAAGTGCACCTTTGCCTTGACAGCACTCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC207058 protein sequence
 Red=Cloning site Green=Tags(s)

MAGYQLWSPWTPLEDSFQWLRHTTPTSSKHFPKASPCFPHTPSDLEVQLCFQEVTLVLDSPFLESGVSP
 KLPCHTSELRTMNNKGLVRKPQPIRLSGVDSVFGFRVITAQPPKWTGTFRVSDKSAFCKIISREHQWPIGL
 KEPQIQMTVTMCKQMLRSILLLYATYKCTFALQHSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6331_a05.zip



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_173472

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_173472.2](#)

RefSeq Size: 1105 bp

RefSeq ORF: 534 bp

Locus ID: 115795

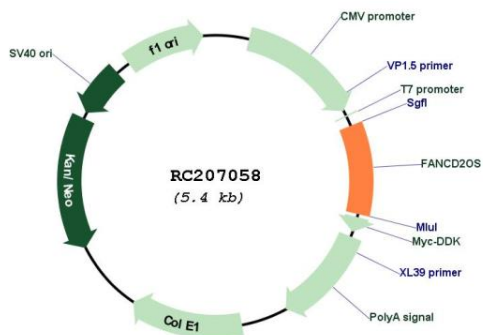
UniProt ID: [Q96PS1](#)

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 RC207058