

Product datasheet for MR201578

Fancd2os (NM_027633) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fancd2os (NM_027633) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fancd2os
Synonyms: 4931417G12Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201578 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGCTACCAGCTCTGGTCACCATGGACCCCACTGGATGAGAGCTTCCAATGGCTGCGGCACACTA
CACCTACCCCTTCTCCTCAAACACCCTTTTAGGGCTCTCCTTGCTTCCCCACACCCCTCTGACCTTGA
AGTGCAGTTGTGCCTTCAAGAAGTCACGCTTGTCTAGACAGACCACTTGTGGAACCTGGAGAGAGCCCC
AAGTTACCCTGCCACACATCAGAGCTCCGAGCCGTGAGTAAACAAGAAAGGGTGGTGAAGGCCGAGC
CAGTCCGCTCAGTGGAGTGGATTCTGTTTTCGGTAGGGTCATCACAGCCAGCCACCCAAGTGGACTGG
AACCTTCAGAGTTTCAAGCAAGTCAGCCTTCTGCAAAATAATCAGCAGGGAGCACCAGTGGCCTACAGGG
CTCAAGGAGCCTCAGGTCAAATGACAGTGACTATGTGCAAACAGATGCTACGCTCAATCCTCTTGCTGT
ATGCGACTTACAAGAAGTGCACCTTCGCTTGCAGCACTCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201578 protein sequence
Red=Cloning site Green=Tags(s)
MAGYQLWSPWTPLEDSFQWLRHTTPTPSSKHPPFRASPCFPHTPSDLEVQLCLQEVTLVLDLDRPLVEPGESP
KLPCHTSELRAVSNKKGVVRKQPVRVLSGVDSVFGRVITAQPPKWTGTFRVSDKSAFCKIISREHQWPTG
LKEPQVQMTVTMCKQMLRSILLLYATYKCTFALQHSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_027633

ORF Size: 537 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_027633.3](#), [NP_081909.2](#)

RefSeq Size: 1358 bp

RefSeq ORF: 537 bp

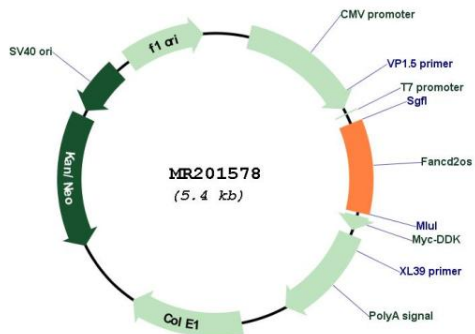
Locus ID: 70979

UniProt ID: [Q9D4K4](#)

Cytogenetics: 6 E3

MW: 20.2 kDa

Product images:



Circular map for MR201578