

Product datasheet for **RR216514**

Fancl (NM_001191684) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fancl (NM_001191684) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fancl
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216514 representing NM_001191684
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGACACGGAAGCAAACCTGTTGCGCCATTTCCCGTCTGCTTCTCAGAAATCGGGAGAAAACCTG
TGATGAGGGCTTCATTTCCGGCTCAGGGACGGGATTTCCACCTCAGGATAGTGTGCCCAAGACCAGCA
GCTGAAGAAGGCGAGATTACTGTGTAGCTGGCAGCTGAAAAATATACTTAATGAATATCATCAAGTAGTC
CAACAGAGAATGAAGCACTCTCCGATCTAATGAGCTTCATGATGGAGTTGAAGATCATTTTGGAAAGCAG
CTTTAAAGAATAAACAAGAGTTATATGTGCAACCACCTTCTTGCAAGTTTCTGCAAAGACCTTCTTACTGA
GATAGGAGCCATTGGCTGGGATAAACTCGCATGTGTGGATACGTCCTTACCACCATCAAGTTAAAAGCA
GATGACGCTTCCGGTAGAAAGCACCTAATCACTGTCAAGTTGAAGGCAAAGTACCCTGTAGAGCCACCAG
ATTGCCTTGTGGACTTTCCTATTCCATTTCTGTTTCTGGACACCACAGAGCTCCTTGGTAAATGTTTA
CAGTCAGTTCTCGGCAGCGTTAGAGACTGAAGGCATTCTGGGATGTTATGGATGAAATTGATGAGAAG
ACTTGGGTGCTGGAACCGGAGAAAACCTCCCGAAGCGCGACAGCACGCAGGATTGCATTAGGGCATGATG
TCTCCATAAACATAGAGGTAGACCCAGGCACCCTACCATGCTTCTGAGTTTTGCTTTCTGGAGCTGA
CCATGTGACAAAAGCCCCTAGGAATGAGGCTGAGTGGGAACATTTATGGGATCCAGAAAATAGTCTG
TTACAGAAATTTGAAAGATGTTTTAGAAATTGATTTCCAGCTCGTACTGTCTGGAATAATCTGACTTCA
GCATGGACTGTGGTATCTGTTATGCCCGTCACTGAATGGTGCCATCCCTGATCAAGTGTGTAACAATCC
CCAGTGTGGACAGCTTTTCCATCAAATGTGCTTGTATGAGTGGCTGAGAGGGCTGAGCAGCAGTCGACAG
AGTTTCAACGTCTTTTGGTGAATGTCCCTACTGTAGTAAGCCAATTACCTTGAATAATGTCTGGGAGAA
AACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

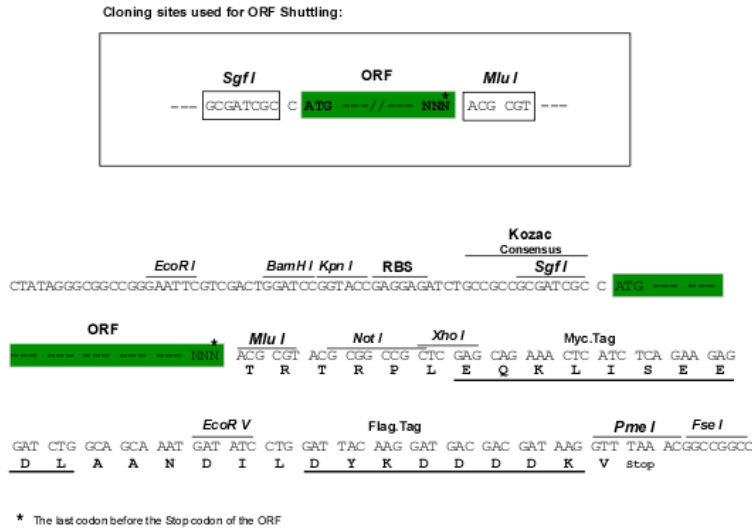
Protein Sequence: >RR216514 representing NM_001191684
 Red=Cloning site Green=Tags(s)

MADTEANLLRHFPLLLPQNREKTVYEGFISAQGRDFHLRIVLPKDQQLKKARLLCSWQLKNILNEYHQVV
 QQRMKHSPDLMSFMMELKIILEAALKNKQELYVQPPSCSFCKDLLTEIGAIGWDKLACVDTSFSTTKLKA
 DDASGRKHLITVKLKAKYPVEPPDCLVDFPIPFVSWTPQSSLVNVYSQFSAALETLKAFWDMDEIDEK
 TWVLEPEKPPRSATARRIALGHDVSIINIEVDPRHPTMLPEFCFLGADHVTKPLGMRLSGNIHLWDPENSL
 LQNLKDVLEIDFPARTVLEKSDFSMDCGICYARHLNGAIPDQVCNNPQCGQLFHQMCLYEWLRGLSSSRQ
 SFNVFFGECPCYCKPITLKMGRKP

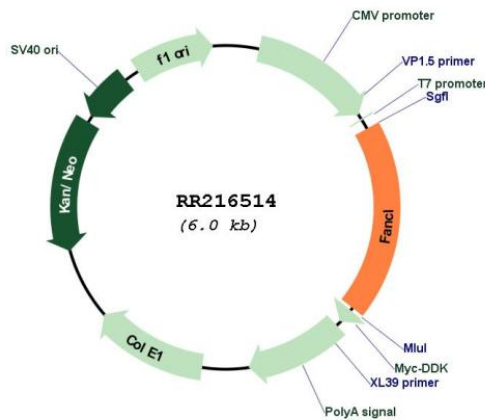
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001191684

ORF Size:	1125 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:	<ol style="list-style-type: none">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_001191684.1 , NP_001178613.1
RefSeq Size:	1653 bp
RefSeq ORF:	1128 bp
Locus ID:	305600
Cytogenetics:	14q22
MW:	42.8 kDa