

## Product datasheet for **RR216893**

### Fance (NM\_001191718) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fance (NM_001191718) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fance
Synonyms:	RGD1561045
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RR216893 representing NM\_001191718  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCACCTGGGGCGCTCCGACCCCGAGTGTCTGTCCGCGCCCGCCCTCGGCTCTCCGCTGGCGAGGC  
 CAGTGTCCGACGCGTGGCTCGGCCAGGGCGACGCCATGGGCGACCCTGGAGGCCCGCCCGCTCCT  
 CCTGCAGGCGCTGCAGGCCGACCCGAGGGTGCAGCGCGCGGGCTAGGGTTCTGCGCACCTTGGGCCG  
 CGCGCTGAGCACTTCCCTTGGGATAGCTTCTGGAGGCGCTGGGCCGCGCAGAGCCGAAGTGGGGGCC  
 CAGATGGCCGCTGGAAGTACGCCACTGTTGCTACGGTGCCTGGAGTATGCCGGAAGAACCTGATGTC  
 CTTGCTGTGGCTGTTGATCCTCCTTACCCGAAAGCGGCTCCGCTCTGTGCTGCAGCTTATCAGCAG  
 GGCACAGCATCTACCTCTGATGCCTGGCTCCACGCCCTCAGGGAGCTGCTCAAAGGGATGTGGGGCTT  
 GAGTCTCTGTGGAGGGATCCTCCCATGACCGAAGCTGTCAGTCACATCTCCGGACCTGTGTGGGGC  
 GCTGGGCCAAGGTGGGAGGGGGTGAACCGGCCCTGGGTCTGATCCTGAACCAGAGGGCAGACTCTCA  
 CAGCTTCTGGGAAGCGGAGGAAAGGACCGAGGGAGAGACTGCCGGCCCTGAGTTAGAGAGATCCCTA  
 AAAGTTCCGGGGTGTGAGGAGAACAGGAAGAGGTGGTGGAAAGAAAGGAAGAGACCCAAGCCAGA  
 GACTTCGGAATCAGAGTCAGATGCAGGAGGCGTGTTCCTGATACTGAAGTCGAGGCTCCGGAGGCTCGC  
 CCGGGCGTAGCAGAGGCCGAGAGTCCAGCTAAGAGTGTGGAGCTCCCAAAGTTGTCCAGGACAGGTGC  
 CCAGGCTGCGGCAGCTGCTGAAGGCTTGCAGGAGGGGCTGGAGGGGCTGGAGGACCCCAAGTGGACCT  
 GCAGTTTCTTACGAATGTAGTCCAGCCAGATGGAGTCGCTATGCAGCCAGCTACAACCTGCCCCAGCTC  
 CCGGACGAGGCTCCTGCAGCTCTGCAGCCACTGCTGGGTCTACCCAGCCCTCAGCATCAGCAATG  
 CCTCTGTGCTGGCCAGGAGCCTTTCTTGACCGGATCCTCCTGCCATCCTCCGCTCCAGGCTTCT  
 CAGAGTGCCTCACCTCCTTCTGTGCCAAGTACACTACGCTGTCTGCAGGGCTGCTCCTGTCCCTTG  
 TTCAGGACCCAGGCATAGGTCCTGTGCAGACGGAGTTACTGTGTTCCCTCTTAAAGGATGAGTCTTGG  
 AGCCAGACATGCAGTCCAGATTCTGGGCGAGTCTGGAGCTGGCTGGAGGGAAGAGACGTTCTGGT  
 GTTGCAGGCGCTCCTGGAGCGGAGGTGGAGATGACCTCGGAGCTCTCAGTGTCTTATGCAGAGGCTC  
 TGCAAAGAGGGGCCGCGCAGCCACCCTCCATGGCCTATGCCAAGCTGATGCTGACGGTATGACCAAGT  
 ACCAGGCCAGCATCTCACAGCAGCAGAGTCTGGACCTGGCTGTGGCCCTAGAGCCCAACACCACCTTCT  
 GAAGAAGTCCCTGCAGGACCCCTGAGACATCTGGCCCG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR216893 representing NM\_001191718  
 Red=Cloning site Green=Tags(s)

MAPGALRPVSCPPPRLLGSPLARPVSDAVASARATPWATLEAPARLLLQALQAGPEGARRGLGVLRTLGR  
 RAEHFPWDSFLEALGRAEPEVRGPDGRLELTPLLLRPLPGVCRKNLMSLLLAVRSSLPEGLRSVLQDQ  
 GTASTSDAWLHALRELLQRDVGLGVSVEGSSPLTGSCQSHLRDLGRLGQGRGLKPALGSDPEPEGRLS  
 QLSGKRRKRTEGETAGPELERSPKFRFGCEEEQEEVVERKEERPKPETSSESDAGGVLPDTEVEPEAR  
 PGVAEAEAPKSVLQPKVVDQVPRLRQLLQALQEGLEGLLEPPVDLQFLHECSPSQMESLCSQLQLPQL  
 PDGGLLQLCSHLLGLTPALSI SNASVLRSLFLDRILSLPSSASRLLRAALTSFCAKYTYAVCRAVLCPL  
 FQDPGIGPVQTELLCSLLKDESLEPDMQVQILGQVLELAWREETFLVLQALLERQVEMTSELFVLMQRL  
 CKEGPAATTSMAKMLTMVTKYQASISQQQLDLAVALPNTTFLKKSQAALRHLAR

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**ACCN:** NM\_001191718

**ORF Size:** 1650 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\\_001191718.1](#), [NP\\_001178647.1](#)

**RefSeq Size:** 1864 bp

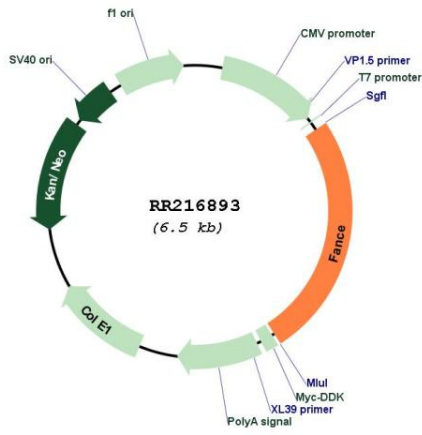
**RefSeq ORF:** 1653 bp

**Locus ID:** 309643

**Cytogenetics:** 20p12

MW: 59.7 kDa

Product images:



Circular map for RR216893