

Product datasheet for **RN208272**

Fanca (NM_001108455) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fanca (NM_001108455) Rat Untagged Clone
Tag: Tag Free
Symbol: Fanca
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208272 representing NM_001108455
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTCAGGTCGCTGCTGATGTTCTGCAGAGAATGCTGGCTTTTCACTCGATACCTGGATGCTGATT
 CGCAGACGACTTTGGATCACCAGGCCGTGAGTGGCTGGATCACTGTGACTCTGGACGTACGTGCTGTGG
 TATGATAGCAGCTGATTCTCTGAAGAGCTTCCTCAGTCACGCGCTAACTCAGATTCTGACTCACAAGCCC
 GTGCTGAAAGTGTCTGACGCCATTCAAATGCAGAAAGAGTGGAGCTTTGCAAAGACACCCCATCTGCTCA
 TTGATCTGTAAGGTTTGTGACTGGTCCAGAGGAGTCAATTGGCCATTTGCAGGAAGTTCT
 GGAGCTGCAGGAGGTTAACTGGCAACACGTGCTGTCTGTGTCTACACTGGTTGTCTGCTTTTCTGAG
 GCACAGCAGCTGATTAAGATTGGGTGGCTCTTTGATGGCCCGGCCCTTGAGAGCTACCACCTAGACA
 GCATGGTCACTGCCTTCTGATTGTGCGCCAGGCTACTCTGGAAGGCCCTACGTATCCCGTCTACGC
 AGATTGGTTCAAGGAGTCTTTGGAAGCTCACATGGCTACCATAGCTGCAGCAAGAAGACTGGTCTTC
 CTCTTCAAATTCCTGTCTGACCTCGTGCCTGGGAAGCCCCTCGGCACATGCAGGTGCACATTTCCACC
 CACCCCTGGTGCCAAGCAAGTACCCTCTGCTCACAGACTACATCTCCTTGGCCAAGACAAGGCTTGC
 TGACCTCAAGGTTCCCTGGAGAATGTAGGACTCTACGAGGATTTGTCATCCACCGGGGACATTGCTGAG
 CGTGAGAGCCAGGCAAGTCCAGGATGTTAAGAAGGCCATCATGGTGTGTTGAACAAACAGGGAAGATCCCTA
 TGCCCTGTCTGGAGGCCAGTATCTTCAGGAGGCCCTACTACCTGTGCACTTCTCCCTGCGCTGCTCGC
 ACCGAGAGTGTCCCAGGAGTTCCTGACTCTCGGGTGGCCTTCATAGAGACCCTGAAGAGAGCAGATAAG
 ATTCCTCCCGTGTGATACAGTGCCTACCGCAAGCCTGTGCCACTGTGGGACAAGCAGCCCGACAACA
 CCACCTCGGGACAAGGACAGAAACCAACTGTGCTGAACGGCCCTGGGACTGCTCACGGCAGCACTGGA
 GGAGCTCAGAGCTCTAATGACAGACCCCACTAATACAGTGTATATCTGCTCAGGTGGCTGTGGTTTCT
 GAAAGACTAAATGCTGCTCTGGGACACAGGAACGATGATGTCAGCCTCCGGAGATCAAAGATTCAGC
 TCAGTGTCTTCTGCCCACTCCAGAGTCAGGACCAGGGGTTGTGGATCTCCTGCTCACAGCCTTCTG
 TCAGAACCTAATGGCAGCCTGTAGCTTTGTGCCCCAGAGAGGCAGAGCTCCTGGCTGTCTTTTCTG
 AGGACCTTTGTGGACACATGCTCCTCCCGCAGTGTCTACTCGGCTGTGCCAGTGTCTCCGCCACCAGG
 GTCCAACTTGAGTGCCCTCACGTACTGGCTTGGCTGCTTTGCTGTCCATCTGGCGAGTGCAGGTC
 CACTTCCAGAGGTGGATCCAGGTGTTCTCGCTCCTCCAGCAGCCTCTGCGTCCCTGACTTCTTAAAC



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AGCCTCCTGACCTGCCACACGAGGGACTCTCTGCTTCTGCATGAAATTCTGCACAGCAGCAATTTCTT
 ACTGTTTATGCAAGTTCTCTGCTCAGCCCTCTGCTTCCCTGCACAATTGTTTGTCTCCAGGTCTGATCCA
 AAAGTTTCAGTTTCATTGTGTTAAGATTGTTCCAGAGGCCAGAGCACCTTGCAGTCCAGAGCACACAGCT
 CGCATTCCCTGGAACCTCTGTATCTTCTTCTGCAGACTGGCCGAGAGCTGCGCTCTCTGTGGAGAT
 GGAGCAGCTTCCAAGAGCTGTTAAAGGAGGAGGAATTTCAATTTAACTTACAGAGATTGGATTGAGTTGGA
 ACTGGAAATTCACCTGAAGCTGATGCCCTCTCAGGCACAGAAAGACATGACTTCCACCAGTGGCAATC
 TATGAGCGCTACCTGCCAGCCTGATGGACTTCCACCAAAGGAGTTACAACCACTCAGAGGACTCTGATCTGGTCT
 TCCTTGTGAGCGAGCTCATGGACTTCCACCAAAGGAGTTACAACCACTCAGAGGACTCTGATCTGGTCT
 TGGTGGCCGCACAGGAAACGAGGATCTTCTTTCTAGACTACAGGAGATGGCTATGGACCTGGAGCTTGAT
 CAAGTTCTGCTGTGCCCGTGGCTGTTCTACTCCTGAGAGTCACTTTCTTTTCGGGTGTTTCAGAGGAC
 GGCTGCAAGCTTTGGCAAGGCCAGGCAGCATGGCTACCAGCCTTAGGAGACAGCAGGAAGTCTCATATG
 CAAACGGCTTCTCCTCCGTCTGCCTCCCTCTGTCTTGTGGGCAGCCCCAGGCCGGACAACCTGTCTCC
 CCGAAGTGTGAAGAGTTCTTAACTGGTCACTCTGGGTTGAGAAACATCTGTTGCCACGGCAGTGTCC
 TGACCTACGACCTTACCATCCACTTCTCAGGGGGCTCCTCAATGTGTCTCCGAAGTCAAGACCCGGC
 GCTGGTGGCAACCGCACACTGGCAGAATGCCAGACTAAGTGTCCATGATTCTGACTTCCAGCACTGCTG
 TGGTGGTCAAGCCTGGAACCGGTGTTGTGTAGTCAAGTGAAGAAATGCTATCAGAGCACACTGCCTCAAG
 AGCTGCAGAGGCTACAGGAAGCCCGAAGTTTGCTAGCAATTTCCCTCCGATTCAGCGGCCAGCACC
 CAGCCCCGCTGGATCTCAGTCTGACTGTACTTTGCAACTAGAGAAGCTGGGAGGAAAAATGTCACA
 ACACATCTGAAGAGGCTAGACTGCGAAAGAGAGGAGCTCCTGATCACCCCTCTCTTTTCTTGTATGG
 GGCTACTCTCGTCTACCTGACCAACGGGACACCGCTGAGTACCAGAAGGCTGTGGACATCTGTGCTGA
 GGCTCCTCGCTGTTTGGAAAGACGGAAGGTGCTGGCTGATGCTTCCAGTTGGCAGAGACGGATGCC
 AAGCTAGGGCACCTCCTTCTTGGCCCCAGACCAGCACACCAGGCTGCTACCATTGCTTTCTACAGTC
 TCCTCTCCTGCTCAGTGACGGTACCCTGTGAGGGAAGCAGCTTCTCTGCATGTTGCGGTTGACATGTA
 CCTCAAACCTGGTACAGCTCTTTGTGGATGGGAAACCAGGATTGTGTTACCTCAGGCCAGCAGAAGCATC
 TCCGAGCTCCAGGATAGCCCTGTACAACCTGATAACAAGGCACGAGTTTTCTGTTGCAGCTAATACCTC
 AGTGTCCGAGACAGTGTCTTCCAACATGACAGAGCTGCTGGCTGGTCCGAGGAGACTGTGACCCTGAGGT
 GAGCAACGCCCTCCAGCAAAGGCAGCAGGCTGGCCCCAGCTTTGACCTCTCCAGGAGCCTCATCTGTT
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108455
- Insert Size:** 3573 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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_001108455.1](#), [NP_001101925.1](#)

RefSeq Size: 4513 bp

RefSeq ORF: 3573 bp

Locus ID: 361435

Cytogenetics: 19q12