

## Product datasheet for **RN206302**

### Fuk (NM\_001107429) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fuk (NM_001107429) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fuk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206302 representing NM_001107429 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACCAGCCAAAGGGGTCAATTGGACGGTCATTATCCTGACATGCCAGTACAAGGACAGTGTCCAGG  
TCTTTTCAGAGAGAGCTGGAGGTAAGGCAGAAGCGGGAGCAGATCCCTGCCGGGACGATGTTACTGGCTGT  
GGAGGACCCCGAGACCCGAGTAGGCAGTGGAGGAGCTACTCTCAATGCACTGCTGGTGGCTGCTGAGCAC  
CTGAGTGCCCGAGCTGGCTTACCGTGGTCACGTGAGATGTCCTGCACTCGGCTTGGATTCTCATCTTGC  
ACATGGGCCGAGACTTCCCTTTGATGACTGTGGCAGGGCCTTCACTTGCCTCCCTGTGGAGAATCCACA  
GGCCCCTGTGGAGGCTTGGTATGCAACCTGGACTGCCTGTTGGATATCATGACCCACCGCTGGGTCCA  
GGATCCCCACCGGTGTGTGGTCTGCAGCACCGACATGCTTCTGTCTGTTCCCAAACCTGGGATCA  
GTTGGGATGGCTTCCGGGAACAGAGTATCGCCTTTCCTGGGAGCCTGGCCTACGCTCTAAACCACGG  
GGTCTACCTCACTGACTCGCAGGGCGTGGTTTTGGACATTTACTACCAGGGCACTAAGGCAGAGATACAA  
CGGTGTGTGAGGCTGATGGACTGGTACACTGGTCTCTGGGTTGTCTTCTCTGTGGAGACTGCTG  
AGCACCTCCTAGCCACCCAGTGAAGCCACCGCTGGACGCTGCACCTATATGGGCTTGGACTCTGGAGC  
CCAGCCTGTGAGCTGTCTGTGTTTTTCGACATCCTGCTCTGCATGGCTCGGAATATGAGCAGGGAGAAC  
TTCGTGGCTGGGCGGCCCGGAGATGGGCAAGGTGACCCGGATGTAGCACGTTACCTGAAGGGAGCCC  
GGGCCAGCTGTGGAGGGAGCTTCGAGATCAGCCCTCACTATGGTGTATGTCCCTGATGGCGGTTACAG  
TTACATGACAACCTGATGCCACGGAGTTCCTGCACAGACTCACGATGCCTGGAGTAGCTGTGGCCAGATT  
GTTCACTCTCAGGTGGAGGAGCCACAGCTGCTAGAGGCTACGTGCTCCGTGGTACAGTGCCTGTGGAGG  
GTCCCCTGCACCTGGGGCCTCGAAGTGTCTGCAGCACTGTCACCTGAGGGGCCCATTCATATTGGCGC  
TGGCTGCTTTGTGAGTGGCCTGGATACCGCCACTCCGAGGCACTGCATGGCCTGGAGCTCATGACCTC  
ATCCTTCAGGGACACCACATACGGCTGCATGGCTCCAGAGTCTGTATTCACTTTGCTGGCCGCTGTGG  
ACAGCTGGGAAAGACAGGGGGCAGGCATGTATCTCAACATGTCCTGGAATGAGTTCTTCAAGAAGACAGG  
CATTTCGAGACTGGGACCTGTGGGACCCAGATACACCCCTCAGATCGATGCCTTCTCAGTGCCCGCCTT  
TTCCCTGTGCTCCACCCACGAGGGCTCTGGGGCCCGAGGATGTGCTGTGGATGTGCATCCTCATAAGG  
ACAGAGGCGAGGCCCTGCGTGCCTGGAGAGCCTCCTGGCGTGTGCTGGGAGCAGCTGCAACCTCGCCT  
GGACCGGGCTGCCACACTGGACTTCCGTGGGATCTGTTCTTCCGCCAGGCTTGCAGAAGGCGAGGCAT



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GTGTTAGAGGCCCGCAGGACCTCTGCCTACATCCACTGATCCGGGCTGCTGTCCGGTGAAGTTGCTCTG  
 GGCCCTGCTGGCCACACTTGACAAGGTTGCAGCAGGGGCAGAAGATCCTGGTGTGGCAGCCCGGCTCT  
 GGCTTGTGTGGCAGATGTACTCGGCTGCATGGCAGAGGGCCAAGGAGGCTTGCAGTGGCCAGCTGCC  
 AACCTGAGTGGATTGAGCCTTTCTCATACTTGGAACTGGAGACCTCATGAGGGGTGTGGAGGCACTTG  
 CCCAGGAAAGAGAGAAGTGGCTGACCAGGCTGCCTTGTGGTTCGAGCTGCCGCCATTATGAGGGGGC  
 TGAGCAGATCCTGATCCGACAGGCTGTGATGACAGCCCGCACTCGTCTCCACCCAGCCAGTGAATTG  
 CCAGACCTGGGAGTGGTGGTGGTACTGAGTGGCCAGCCCGTGTGGATTCTCTGGGGGCTGGAGTGACA  
 CACCACCCATTGCCTATGAGCTTGGTGGAGCAGTATTGGGCTGGCTGTTCCGGTGGATGGCCCGCGCC  
 CATCGGGGCCAAGGCACGCCGCATCCTAGAGCCTGAGCTCTGGCTGGCAGTGGGACCTCGACAGGATGAG  
 ATGACCGTGAAGATAGTGTGCCGGAGCCTTGTGACCTGCAGGATTACTGCCAGCCTCATGCCCCAGGTG  
 CCTTGCTGAAGGCAGCCTTTATCTGTGCGGATATTGTGCATGTCAACTCAGAGTCCCTCTGCATGAACA  
 GTTGCTACGCTCGTTAATGGTGGCTTTGAGCTGCACACATGGTCAGAGCTGCCACACGGCTCTGGTCTT  
 GGCCTAGCAGCATCTTGGCAGGGGCTGCCCTGGCTGCTTGCAGCGGGTGCAGGCCGGACAGTGGGCA  
 CAGAGGCTCTCATCCATGCAGTGTGCACCTGGAGCAGGTGCTCACCACAGGAGGTGGCTGGCAGGACCA  
 AGTGAGTGGCCTAATGCCTGGCATCAAGGTGGGCGCTCTCGGGCACAGCTGCCCTAAAGTGGAGGTG  
 GAGGAAATCACTGTGCCTGAGAAGTTTGTCCAGAGGAAGCTTATGGCCCCAGGCTGTGAGCCGCTGGCTG  
 TGCATCGGATGATGGATGTCCTGGCCCCCTATGCCTTCGGCCAAAGTCTGGCAGGGGCAGCCGTTGGGG  
 CTTTCTCTATCTGTTGACCAAGGAACCCCGGCAGAAAGAGGTCTAGAAGCTGTGCTGGCCAAGGTGGAG  
 GGCTCGGCAACTACAGCGTCCACCTGGTGAAGTGGACACTCAGGGCCTGAGCCTGCAGCTGCTAGGAC  
 ATGACGCCCATCTTTGCGGGGCTGGGCCCTCTGAAGTGGGCAACACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001107429

**Insert Size:**

3060 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\_001107429.1, NP\_001100899.1

**RefSeq Size:**

3636 bp

**RefSeq ORF:**

3060 bp

**Locus ID:**

307848

Cytogenetics: 19q12