

Product datasheet for **RR205598**

Fkrp (NM_001025678) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fkrp (NM_001025678) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fkrp
Synonyms:	MGC116338
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR205598 representing NM_001025678
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCGGCTCACCCGCTGCTGGGCTGCCCTGGCAGCAGCCATCATCCTCAACCTCCTAGTCTTCTTCTATG
 TGCATGGCTACAACACCAGCCAGAACTCCCGACCCGGGGCCACGCCGCACTTCTGCCATTGGTCC
 ACGAGTACTGTCTGATTTCGGGAATTTGAGGCTTTTGACAACGCGGTGCCGGAGCTAGTGGATTCTTTC
 CTGCAGCTGGACCCAGCCAGCCTGTGGTGGTGGCCGCCGACACTCCCTTACCCACCCCTGGCCTTGC
 CTCGATTCCCAACGTTCCGCTGGCCCTGCTCCAGCCAGCTCTGGACCGTACGCGGCGGCTCGCGCCC
 GGAGACATATGTAGCCACAGAGTTCGTGGCCCTGGTGCCTGATGGAGCGCGGGCCGAGTACCAGGACAT
 CTGGAGCGAATGGTGGAGGCGCTCCGGGAAGCAGCGCGCCTCGTAGCCGCCCGGTCCGACTACCA
 ACCCAGCGCGGTCCCTGGCACTGAACGTACGTTGAGGGAGTGGACTGCGCGCTACGCCCCAGCGCCAG
 CGCGCCCCGCTGCGACGCTTTGGATGGCAGCGGCTGCTGATGCGCTCCCGGACCTTTCAACCTC
 TCGGTTCCCTGGCAGCGCCGCTGGCCACCAGCCTCTTCTACAGACCCGCTGCGCGGCTGGGAGTGC
 AGTTGCTGGATTTGACTTTCGCCTCGGCCGCCAGCCCCCTCGGCCACCGCCACGCGCGCTGGAAGGC
 GGAACGCGAGGGGCGCTCACGGAGGGCGGCGCTGCTGCGCTCTTGGTATCCGCTGGTGGAGTGGGAA
 GGCGGACGGCTCGAGTGGTTTGGCTGCAGCAAGGAGAGCCCGCGCTGCTCGGTACGGTAGTGGGCGACA
 CACCCGCTACCTGTACGAGGGCCGCTGGACACCACCTTGTGCTGCGCGCACTGCGGGAGACTGCGCG
 CTACGTGGTGGGCGTCTGGAGGCGCAGGCGTGCCTACTGGTGGAGGGCGGCTCGTCTGGGTGCA
 GCCCGCCATGGCAGATCATCCCGTGGACTACGACGTAGACTGGGCATCTACCTGGAGGACGTGGGCA
 AGTGCAGAACAGTTGCGGGGCGCAGAGGCTGGCTCGGTAGTGGATGAACGAGGCTTCGTGTGGGAGAAGGC
 GGTGGAGGGCGACTTCTCCGAGTGCAGTACAGCGAGAGCAACCACCTGCACGTGGACCTGTGGCCCTTC
 TACCCACGCAATGGGTCATGACCAAGGACACATGGCTGGACCACCGGCAGGATGTTGAGTCCAGAGC
 ACTTCTGCAGCCGCTGGTCCCACTGGCCTTTGCGGGTTTCATGGCACAGGCCCTAACAACTACCGCCG
 CTTCTGGAGCTCAAGTTTGGGCTGGGTCATCGAGAACCCGGAGTACCCCAACCCTGCACTCTTAAGC
 TTGACAGGTGGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR205598 representing NM_001025678
 Red=Cloning site Green=Tags(s)

MRLTRCWAALAAAIILNLLVFFYVSWLQHQPNSRTRGPRRTSAIGPRVTVLIREFEAFDNAVPELVDSF
 LQLDPAQPVVVAADTLPPPLALPRIPNVRLLALQPALDRSAAASRPETYVATEFVALVPDGARAESPGH
 LERMVEALRGSSARLVAAPVATTNPARCLALNVSLREWTARYGPAPSAPRCDALDGDVLLMRSRDLFNL
 SVPLARPLATSLFLQALRGWAVQLLDLTFASARQPPLATAHARWKAEREGRSRAALLRSLGIRLVSWE
 GGRLWFGCSKESPRCFGTVVGDTPAYLYEGRWTPPCCLRALRETARYVVGVLAAAGVRYWLEGGSLIGA
 ARHGDIIIPWDYDVLGIYLEDVGNCEQLRGAEGSVVDERGFVWEKAVEGDFFRVQYSESNHLHVDLWPF
 YPRNGVMTKDTWLDHRQDVEFPEHFLQPLVPLAFAGFMAQAPNNYRRFLELKFPGVIENPEYPNPALLS
 LTGG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

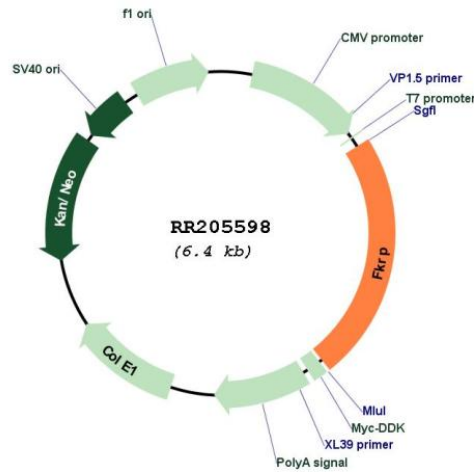
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:


ACCN: NM_001025678

ORF Size: 1482 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_001025678.1](#), [NP_001020849.1](#)

RefSeq Size: 2860 bp

RefSeq ORF: 1485 bp

Locus ID: 308390

Cytogenetics: 1q21

MW: 54.8 kDa