

## Product datasheet for **RR213799**

### **Fkbp10 (NM\_001014120) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fkbp10 (NM_001014120) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fkbp10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RR213799 representing NM\_001014120  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTCTTGTGGGGCTCCCAGCCACAGCTCCCTCGACTCCACATACTACCGTTGCTGCTTCTAC  
 AGACCTTGAGAGGGGTTTGGGCCGTGCCAGCCGTCCGAGCCCCCTTGGAAGATGTGGTCATCGAGAG  
 ATACCACATCCCCAGGGCTGCCCCGAGAAGTGCAGATGGGGATTTTGTTCGTTACCACTACAATGGC  
 ACTTTTGAAGACGGGAAAAAGTTTGACTCCAGCTATGACCGTAGCACCCCTGGTGGCCATCATTGTGGGTG  
 TAGGCCGCTCATCACTGGCATGGACCGAGGTCTCATGGGCATGTGTGTTAATGAACGCCCGCTCAT  
 TATCCCTCCCACCTGGGCTACGGCAGCATCGGTCTGGCGGGCTCATCCCACCCGATGCCACCCTCTAT  
 TTTGACGTGGTCTGCTGGATGTGTGGAACAAGGAAGACACCGTGCAGTCGACCATCCTCCTACGCCCTC  
 CCTACTGCCCCGAATGGTGCAGAACAGTGACTTTGTACGCTATCACTACAACGGTACTCTGCTGGATGG  
 CACTGCCTTTGACAGCAGCTACAGTAGGGGAGGCACTTATGACACCTACATCGGCTCTGGTTGGCTGATC  
 AAAGGCATGGACCAGGGGCTGCTGGGCATGTGTCTGGAGAGAAAAGGAAGATCATTATCCCTCCCTTCC  
 TGGCTTACGGGGAGAAAGGCTACGGGACTGTGATACCCCCGAGGCCCTCCCTGGTCTTCTATGTCCTGCT  
 GATAGATGTCCACAACCCGAAGGACACGGTCCAGCTGGAGACGCTGGAGCTGCCCCAGGACTGTGTCGG  
 CGAGCTGTGGCAGGGGACTTCATGCGTTACCACTACAATGGCTCTTTGATGGATGGTACCCTCTTTGATT  
 CCAGCTACTCCCACAACCCACACCTACAATACCTATGTCGGGCAGGGTTACATCATCCCTGGGATGGACCA  
 GGGGCTGCAAGGCGCATGCATAGGGGAGCGAAGGAGGATTAAGTGTGCCCCCTCACCTTGCCTACGGGGAG  
 AATGGGACAGGAGACAAGATCCCTGGCTCAGCTGTGCTCATCTTTGATGTACACGTCATCGACTCCACA  
 ACCCTGCGGACCCTGTGAAATCAAGACGCTGTTCCGGCCTCTGAGAGCTGCAACGAGACAGCCAAGAT  
 CGGGGACTTTATTCGCTACCACTACAACGTCTTCTGCTGGACGGCACTAGGCTCTTCTCTTCCCACGAC  
 TATGAGGCCCTCAAGAGATCACCTCGGAGCCAAACAAGTGATCGAAGGTCTGGACAGGGGCTGCAGG  
 GCATGTGTGTAGGAGAGAGGAGGAGCTCATTGTACCCACACCTGGCCACGGGGAGAATGGAGCCCG  
 TGGTGTCCAGGCAGTGTGTGCTGTTATTTGAGGTGGAGCTGATATCCCAGAGGATGGTCTACCCGCA  
 GGCTACCTGTTTGTGTGGTACCAGGATCCTCCTGCTAGCCTTTTTGAAGACATGGATCTCAATAAAGATG  
 GAGAGGTGCCCCAGAAGAGTTCTCCTCTTCAAGGCTCAAGTGAATGAAGGCAAAGGACGCCTGAT  
 GCCTGGCAAGACCCAGACAAAACCATAAGTGACATGTTTCAAGCAAGATCGAAACCAGGATGGCAAG  
 ATCACAGCTGAAGAACTCAAGCTGAAGTCAGATGAGGACCAGGAGCGCATCCATGAGGAGCTC

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR213799 representing NM\_001014120  
 Red=Cloning site Green=Tags(s)

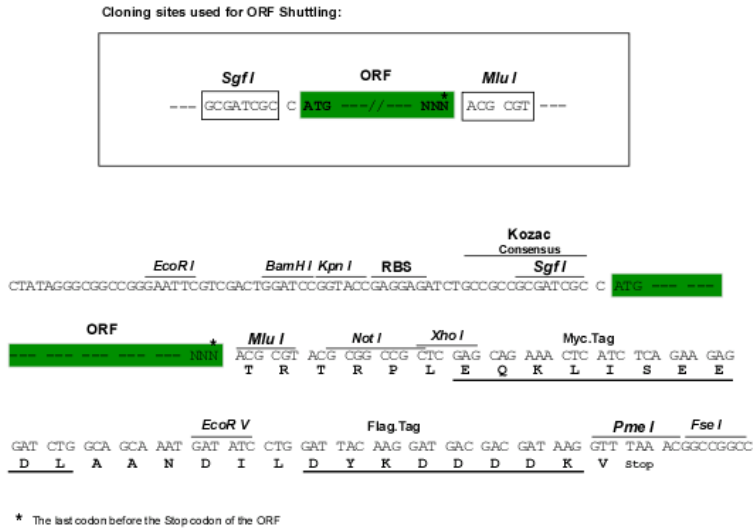
MFLV GAPSHTL PRLHILPLLLLLQLERGLGRASPSGAPLEDVVIERYHIPRACPREVQMGDFVRYHYNG  
 TFEDGKKFDSSYDRSTLVAIIIVGVGRLITGMDRGLMGMCVNERRRIIPPHLYGYSIGLAGLIPPDATLY  
 FDVVLLDVWNKEDTVQSTILLRPPYCPRMVRNSDFVRYHYNGTLLDGTAFDSSYSRGGTYDYIIGSGWLI  
 KGMDQGLLGMCPGEKRIIPFLAYGEKGYGTVIPPQASLVFYVLLIDVHNPKDTVQLETLQLPQDCVR  
 RAVAGDFMRYHYNGSLMDGTLFDSSYSRNHTYNTYVQGQYIIPGMDQGLQGACIGERRRITVPPHLYAGE  
 NGTGDKIPGSAVLIFDVHVIDFHNPPADPVEIKTLFRPPESCNETAKIGDFIRYHYNCSLLDGTRLFSSHD  
 YEAPQEITLGANKVIEGLDRGLQGMVGERRLIIPPHLAHGENGARGVPGSAVLLFEVELISREDGLPA  
 GYLFVWYQDPPASLFDMDLNKDGVEPPEEFSFIIKAQVNEGKGRMLMPGQDPDKTISDMFQNDNRQDGK  
 ITAEELKLSDEEDQERIHEEL

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

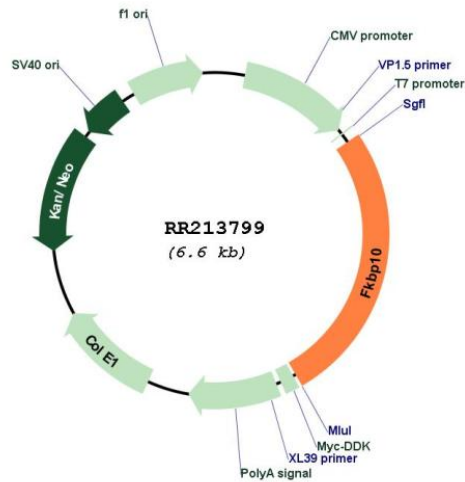
**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM\_001014120

<b>ORF Size:</b>	1743 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001014120.1</a> , <a href="#">NP_001014142.1</a>
<b>RefSeq Size:</b>	2589 bp
<b>RefSeq ORF:</b>	1746 bp
<b>Locus ID:</b>	360627
<b>Cytogenetics:</b>	10q31
<b>MW:</b>	64.8 kDa