

Product datasheet for RR201445

Fbxo4 (NM_001107672) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo4 (NM_001107672) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbxo4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR201445 representing NM_001107672 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC

ATGAGTCATTCCGGGCCACCTCGGCCTGGAGCCGCGCCAGCAGACCAGCCTGGCTCGTCCCAGCGGGGCGGGCGGAGACGGAGGCCGAGCGGCTGGGAAACCGGTGCGCCCGGCGGTGTCTCGCGGAGCCCGCAGCCATGGCTGGAAGCGAGCCCCGCGGAGCCGGCTCCCCGCCCGCCAGCGACTGGGGCCGCTGGAGGCTGCTATCCTGAGCGGCTGGAGGACCTTCTGGAATTCGGTGGCAAGGAGCGGGCAGCGGACCGGCTCCCGGAGAGGAGGAGACGAGCGGCTGACGCGGCTGCCGATTGATGTGCAGCTGATATCTTTGTCTCTTTACCCCATGACCTGTGCCAGTTGGGAAGTACAGATCACTATTGGAATGAACTGTAAGAGACCCCAATTCTCTGGAGATACTTTCTGTTTCGAGATCTCCCTTCTTGTCCTCTGTTGATTGGAAGTCACTCCGGATCTAGAGATATTAAGCCCATATCTGAGGTCACCGACAGCACATGTTTTGATTACATGGAGGTTTATAAAATGTGCTGTCCATATACGAGAAGAGCCTTAAAAGCCAGCCGTCCTATGTATGGAGCGTTACCTCTTCTTACACTCACTGATCATTGAGAAATGAACCCCGTTTGCTATGTTGGACCAGGTTTGAAGAAGTGAACACATCTTTGGTGTGAGTTTGTGCTTCTGAGGATCTTTGCCAACTGCTGGTTTACCTCATAGACAGATTGACGGTATTGGATCTGGAGTCAGTTTCCAGTTGAGCAATCAACACAAATCAACATCTGACTGTACTCACTACCAGAAAGAAAGAGACAGAGCGAGGGAGGAGCACACAAGCACGGTTAACAGATGTTCAGCCTACAGAGCGAGGGAGACGAGCAACAGGGGAGCCGCTACAGCGTTATCCACAGATTCAGAAAAGTGTGTGAGGTTGTAGATGGGTTTATCTACGTGGCAAATGCTGAAGCTCATAGACGTCATGAATGGCAAGATGAAATTTCTCGTATTATGGCCATGACAGATCCAGCTTTTGGATCTTCAGGAAGACCAATGCTGGTTTTATCTGTATTTCTCAAGCAGATGTAAGAAATGCCTTGTTTTTATTTAGCTCATGAACTTCGTCTCAGTCTTCTGAACCACCATGGATGGTCCAGGATACAGAGGCTGAGACTCTGACTGGTTTCTTGAATGGCATTGAGTGGATTCTTGAAGAAGTAGAATCTAAGCATGCGAAAATCTTGAAGAAGTAGAATCTAAGCATGCGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATTACAAGGATGACGACGATAAGGTTTAA



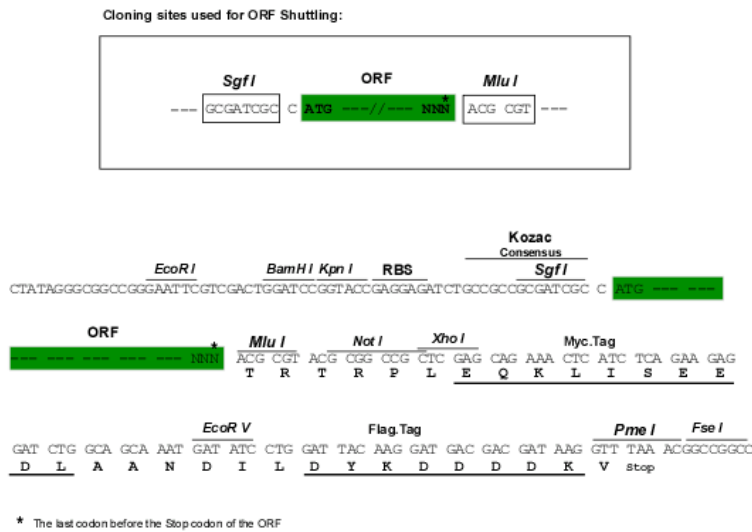
Protein Sequence: >RR201445 representing NM_001107672
Red=Cloning site Green=Tags(s)

MSHSGPPRPGAAPSRPAWLVPAGRAETEERLGNRCARPCLAEPAAAMAGSEPRGAGSPPASDWGRLEAA
 ILSGWRTFWNSVGKERATRTASRKEEAEETSALTRLPIDVQLYLISFLSPHDLQLGSTDHYWNETVRDP
 ILWRYFLFRDLPSWSSVDWKSPLDLEILKKPISEVTDSTCFDYMEVYKMCOPYTRRALKASRPMYGAITS
 FLHSLIIQNEPRFAMFGPGLLEELNTSLVLSMSEDLCPAGLPHRQIDIGISGVSFQLSNQHKFNILIL
 YSTRKERDRAREEHTSTVNKMFSLQSEGDEQQGSRYSVIPQIQKVCEVVDGFIYVANAEAHRRHEWQDE
 FSRIMAMTDPAFGSSGRPMLVLSGISQADVKRMPCFYLAHELRLSLLNHPMVMQDTEAETLTGFLNGIEW
 ILEEVEKHKAKILEEVEKHKAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001107672

ORF Size: 1293 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 Size: 1993 bp

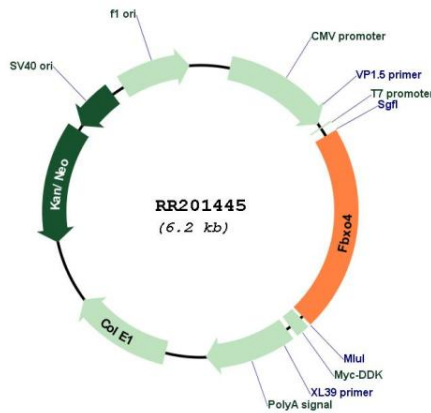
RefSeq ORF: 1296 bp

Locus ID: 310363

Cytogenetics: 2q16

MW: 48.6 kDa

Product images:



Circular map for RR201445