

Product datasheet for **RR206776**

Fbxo21 (NM_001108338) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo21 (NM_001108338) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbxo21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR206776 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCGGTAGCGGGGACAGCGCTATGGAGTGGTCCCGCGCTGGTGAAGAGCCGCGCCGAGG
 CGTCGGGCCCCAGCTGCCTGGTGAACCTGCCAGCGAGGTGCTGGAGTACATCCTGTGCAGCGGCTCGCT
 CACGGCGCTCGACATCGCCCGCTGTCCAGCACCTGCCGCGCCTGCGCGAGGTGTCCAGAGCAGCGGG
 CAGGTGTGAAGGAGCAGTTCGGGTGAGGTGGCCCTCTCTGATGAAGCACTACAGTCCCACTGACTACG
 TCAATTGGTTAGAGGAATATAAAGTTCGGCAGAAAGCTGGGTTAGAAGCCCGGAAGATTGTAGCCTCCTT
 CTCAAACGGTCTTTTCAGAGCACGTTCTTGTAAACGGCTTCAGTGACATTGAGAACCTTGAGGGCCCA
 GAGATCTTTTTGAGGATGAAGTGGTGTGCATCCTAACATGGAAGGAAGAAAGCTCTGACCTGGAAAGT
 ACTACGCTAAGAAGATTCTACTACCTCGGCAGCAGAAAATCCTCAACAACCTCAAGGCTTTCCTGCA
 GCAGCCAGATGACTACGAGTCTATCTGAAGGTGCCGTTTACATCGACCAGTACTGCAACCCGCTCCTCC
 GACATCAGCCTCAGAGACATCCAGGCCAGATCCACAGCATCGTGGAGCTTGTGTGCAAAAACCTCCGTG
 GCATCAACAGTCGTCACCCGAGCCTGACCTTCAGGGCAGGCGAGTCTCTATGATAATGGAGATAGAACT
 CCAGAGCCAAGTCTGGACGCCATCAACTATGTCTGTACGACCAGCTCAAGTTCAAAGGGAACCCGATG
 GACTACTACAATGCCTTGAACCTCTACATGCACCAGGTATTGACTCGCAGAACGGGAATCCCCATCAGCA
 TGTCTCTGCTCTACCTGACCATCGCCCGCAGCTGGGCGTCCCTCGGAGCCTGTCAACTCCCAAGCCA
 CTTCTGCTGAGGTGGTCCAAGGCGCAGAAGGGGCAACCCTGGACATCTTCGACTACATCTACATAGAT
 GCTTTTGGGAAGGCAAGCAACTGACAGTGAAGAAGTGTGAGTACTTATTGGCCAGCACGTGACGGCAG
 CTCTCTATGGCGTGGTGAACGTGAAGAAGTGTGAGTACTTGTGAGGAGTGGTGGCAACCTGCTGAGCCTGGGCAA
 GAGGGAAGGCATTGACCAGTCTACCAGCTCCTCAGAGACTCCTTGGACCTGTACCTGGCGATGTACCCG
 GACCAGGTGCAGCTCCTGCTCCTGCAAGCCAGGCTCTACTTCCACCTGGGCATCTGGCCAGAGAAGTGC
 TTGACATCCTCCAGCACATCCAGACCCTCGACCCGCGCAGCACGGGGCGGTGGGGTATCTAGTGCAGCA
 CACGCTAGAGCACATTGAGCGCAAGAAGGAGGAGTGGGCGTGGAGGTGAAGCTGCGCTCCGAGGAGAAG
 CACAGGGATGTCTGCTACTCCATCGGGCTGTTATGAAGCACAAGAGGTACGGCTACAACGTGTGTATCT
 ACGGCTGGGACCCACGTGCATGATGGGCGCAGTGGATCCGAAACATGAATGTGCACAGTCTGCCTCA
 CGGCCACCATCAGCCCTTCTACAATGTGCTGGTGGAGGACGGCTCCTGCAGATACGCAGCTCAAGAAAAC
 CTGGAATACAACGTGGAGCCTCAGGAAATCTCGCACCCAGATGTGGGGCGCTACTTCTCGGAGTTACGG
 GCACACACTACATCCCAATGCAGAGCTGGAGATCCGGTACCCCGAGGACCTGGAGTTTGTGTATGAGAC
 AGTGCAGAACATTTACAGTGCAAGGAGGACACAGCCGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206776 protein sequence
 Red=Cloning site Green=Tags(s)

MAVAGDSAMEVVPALAEAAAAEASGPSCLVQLPGEVLEYILCSGSLTALDIGRVSSTCRRLREVCQSSG
 QVWKEQFRVRWPSLMKHYSPTDYVNWLEEKYKVRQKAGLEARKIVASFSCRFFSEHVPCNGFSDIENLEGP
 EIFFEDELVCILNMEGRKALTWKYAKKILYYLRQKILNMLKAFLLQPPDDYESYLEGAVYIDQYCNPLS
 DISLRDIAQIHSIVELVCKTLRGINSRHPSLTFRAGESMIMEIELQSQVLDAINYVLVDQLKFKGNRM
 DYYNALNLYMHQVLRRTGIPISMSLLYLTIARQLGVPLEPVNFPSSHLLRWCQGAEGATLDFDYIYID
 AFGKKGQLTVKECEYLIGQHVTAALYGVVNVKVLQRMVGNLLSLGKREGIDQSYQLLRDSDLYLAMYP
 DQVQLLLLQARLYFHLGIWPEKVLIDILQHIQTLDPGQHGVGYLVQHTLEHIERKKEEVGVVEKLRSEEK
 HRDVCYSIGLVMKHKRYGYNVCIYGWDPTCMMGHEWIRNMNVHSLPHGHHPFYNNLVEDGSCRYAAQEN
 LEYNVEPQEISHPDVGRYFSEFTGTHYIPNAELEIRYPEDLEFVYETVQNIYSAKEDTAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001108338

ORF Size: 1860 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_001108338.3](#), [NP_001101808.2](#)

RefSeq Size: 3794 bp

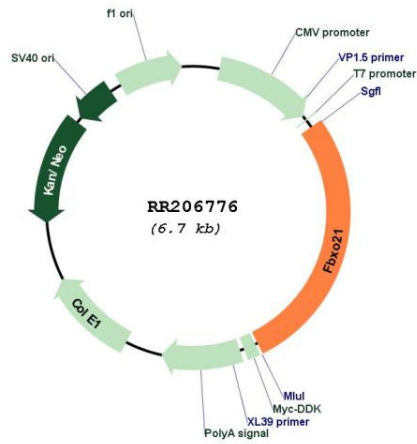
RefSeq ORF: 1863 bp

Locus ID: 360818

Cytogenetics: 12q16

MW: 71.3 kDa

Product images:



Circular map for RR206776