

Product datasheet for **RR209092**

Fbxo34 (NM_001107257) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo34 (NM_001107257) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbxo34
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR209092 representing NM_001107257
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGGTTTCGGGCGAGCGTTGGGCTCCGCCGCCAGCGCTGAGCTCCTGGTCCGTCTCAGTCTCGGGGA
 GCGAGTCAGGCCTGCCGCCCTCATCGGGCTGCCGAGCCCGGGCCAGGCCCGGGCAGACGCA
 CAGGGCATCTGTTATGCACCTTAAGCCATACTGGAAGCTCCAGAAGAAAGAGCGGCTCTGAGCCACGGA
 AACACGGACGGTATGCGAAGGGCAGAGCTAACTGCATGAAACCCACCCCTCCCTTCCGCTCTCCTG
 TCAAAGCATCATCTAGGAAGCCTTTCGGGATCCTTCTCCAAATGTCCTGTGCAGCATGAGTGGGAAGAG
 CCCCCTGGAGAACAGCTTGAAGTTAAAGCCACAAGGAATGCCCGTCTGCAGCCGTGCAGCAGACTGAA
 GGAGGCTGCCGGGAGCTGGGCTATTGTCAAACCTGGAACACCAAGGAGAAAAATTGCGTTCTTTGCAG
 CCCACAGTGCAGCAATAGGATAGGCTCTATGAAAATAAAAGCTCCTGGGATATCGATGGGAGAGCCAC
 TAAACGAAGGAAAAAATCAGGGGATCTTAAGAAAGCCAAGTTACAGCTAGAAATGATGAGGGAGATCAAC
 AGCCAGTGCTACAGTCCGAGCCATTTGCCTGTGGTGTGAGCACTGTTCTGTGCATTACATGAGTGACA
 GTGGGGACGGTGTCTATGCTGCGAGGCCTCTGTCACTGATACAGATGGTTGCCTTCTCGAGCAGAGAGC
 CACTGCTCTGCTAGCTAGCTGCACAAAACTGCACAAATTCGCTGCCATTGTGAAGATTTCTGGCCAG
 TCCCGAGGTATGCCACCTGTACCTGAGCCCTTCTCTGCTCCAGACACTTGTGAAGATCCAAGGAAAGAG
 AAAATCCTGAGATTGGCAGATCCCAGAGTGAGCCAGTCCGTGTCCTTGACATGGTAGCCAGGTGGAGTC
 CGAGTGCCTGAAGCAGGCGCCAGCGGAACCTGGGAGCTTGTACGGAATAACAGCTTCCGTCCGAAT
 GTAGGCAGGTGTTGCTCACAACGGCTCTCAGGCCAGCGACAAAAACGAGAGGGCTCTGCAGACACGC
 CCGGCACTCAGGTGCACCCCTTGCACTGCTGTGGTGAAGGACCCCTGCAACTGACCGTTCTGC
 AGGGGAGCAGGCTGGGATGGCACTTCTCAGGGCTGTCCCTCATTGCCGGCTGATGTGAGCTTCCACACA
 GACAGCACCGAATCAGAGCCGGCTCTGCATACAGCTGTGAAACACTGCAGCCGAATGATGTAGAAATGG
 CAGAGGAATTTGATGAATTGCCTACAGATGCTGTCACTGTAGAGAGCTTGTAACTCACAAGCCACAG
 TCCTGAGCAGAGACAAGAACCTCTGTGCGTTAGCATCACTGTGTGCACAGTGGAGAAAGCCAGCCATCT
 GCGCTAGACCCCTTGAAGAGCCTTCTCTGGGATGCTGTTCTTTCTGTACCTGGGCAGGACCAGCAGG
 CGCACCCCACTTGAGTGAACACCCAGCAGCAGAGGCGACAGAGGCCAGTCAGCCTCCAGATGCTGCTGA
 GGGCAGCAGTGCCCGTGAGGAGAAAGATGCCTCTCTGGAGCCGCTTGTCCAGCAGCCTCTGGGGAAGGA
 AGCACCTCACAGGGCTTGAGGCAGCCACGTGTAAGAAGCAGGTGTCTCAGGACTTCTGGAGACCAGGT
 TTAATCCAGCAACTTCTGGAACCTCAGCAGTACATGGCATGCCTGCCTCACCACATCATGGTGAAAAAT
 CTTCAAGTTACTCCCGACCTGAGCTTAGCAATCCTTAAATGTACCTGCCGCTACTTCAAGTCCATCATT
 GAATACTACAACATCAGGCCAGCGGACTCTCGTGGGTCCGAGACCCGCGCTATAGAGAAGACCTTGCA
 AGCAGTGAAGAAAAAGTATGTGAAAGGGGACGTGTCCTGTGCCGGTGGCACCCCAAACCTACTGCCA
 GGCATTGCCGTATGGGCTGGTACTGGATGTGCTGCCACAGTCTCAGAAGGGCTTTCGGGCTGTAAG
 TTAGGCCTTCATGACAATCACTGGTTACCCGCTGCCACAGCTTAATCGGGCAATCCATAAGAAATCAA
 GAGGGAGTGAAACGGAAGAAGAGTAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR209092 representing NM_001107257
 Red=Cloning site Green=Tags(s)

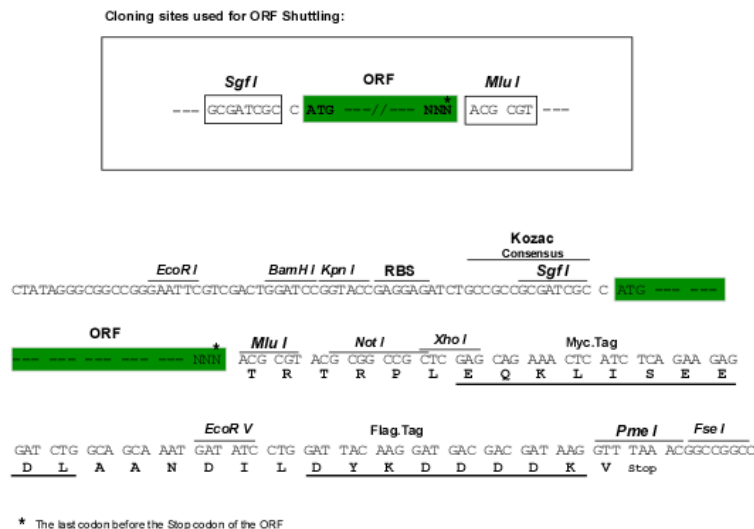
MGFGASVGLRRPALSSWSVSVSGSEGLPPPHRAAAAPGQAPAGQTHRASVMHLKPYWKLQKKERPLSHG
 NTDGDAKGRANCMKPTSPSPASPVKASSRKPFGLSPNVLCMSGKSPVENSLSVKATRNAPSAAVQOTE
 GGLPGSWAIVKPGNTKEKIAFFAAHQCSNRIGSMKIKSSWDIDGRATKRRKSGDLKKAKLQLEMMREIN
 SQCYQSEPFACGVEHCSVHYMSDSGDGVYAARPLSVIQMVAFLERATALLASCTKNCTNSPAIVKISGQ
 SRGMPPVPEPFSAPDTCEESKERENPEIGRSQSEPVRVLDMMVARLESECLKHQGQREPGSLSRNNSFRRN
 VGRVLLTNGSQASDKNGEGSADTPGTQVHPLQLVSVGEGPPATDRSAGEQAWDGTSGQCPSLPADVSFHT
 DSTESEPALHTAVKHCSRNDVEMAEFDELPTDAVSCRELVTLSHSPEQRQEPLCVSITVCTVEKAQPS
 ALDPLEEPLPGMLFFLSPGDQQAHPQLSEHPAPEATEASQPPDAAEGSSAREEKDASLEPLVPAASGEG
 STSQGLEAATCKQVSQDFLETRFKIQQLLEPQQYMACLPHHIMVKIFRLLPTLSAILKCTCRYFKSII
 EYYNIRPADSRWRDPRYREDPCKQCKKKYVKGDVSLCRWHPKPYCQALPYGPGYWMCCHQSQKGFPGCK
 LGLHDNHWLPACHSFNRAIHKKSRGSETEEEY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001107257

ORF Size: 2196 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_001107257.1, NP_001100727.1

RefSeq Size: 2926 bp

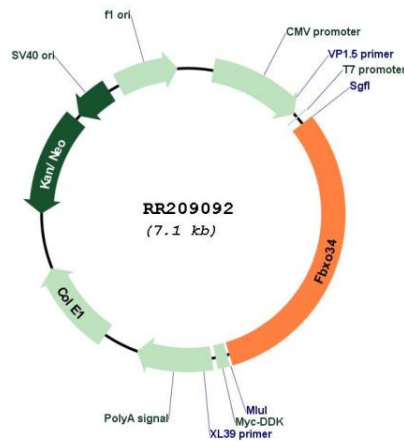
RefSeq ORF: 2199 bp

Locus ID: 305830

Cytogenetics: 15p14

MW: 79.8 kDa

Product images:



Circular map for RR209092