

Product datasheet for **MR204606**

Fbxo8 (NM_015791) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo8 (NM_015791) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbxo8
Synonyms:	Fbx8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204606 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTCAAGGACTCTGGAGAGTGGCCAGAAACCATCATCTCCAACAGGAAGCCTACAGTGAGACAGGCT
ACCTCAGCAGAGAACAGAGCAGGAGAGTGGCTTCAAGCAACATTTCTCACACCAGCCACCGGAAACAAGC
CCAAGGAGGCATTGATATCTATCATCTTCTGAAGCAAGGAAGTCTAAAGAACAGGAGGGTTTCATAAAC
TTGGAAATGCTGCCTCCTGAGCTGAGCTTACCATCTTATCCTACCTGAATGCAACTGACCTTTGCTTAG
CTTCTGTGTTTGGCAAGACCTCGCTAATGATGAACCTTCTTGCAAGGGTTGTGTAATCTACATGGGG
TCACTGCTCTATACAATAAGAACCACCTTTAGGATTTCTTTTAGAAAATTGTATATGCAGCTAGAT
GAGGGAAGCCTCACCTTTAATGCCAACCCAGAGGAGGGAGTGAGCTACTTTATGTCCAAGGGTATCCTAG
ATGATTCGCCAAAGGAAATAGCAAAATTTATCTTCTGTACCAGAACACTAAATTGGAAAAAAGTGAAT
CTATCTTGATGAAAGGAGAGATGCTTGGATGACCTTGTAACTTGCATAATTTTAGAAATCAGTTCTTG
CCGAATGCACTGAGAGAAATTTTTCGTCATATTCATGCCCTGAAGAGCGTGAGGAGTACCTTGAATCT
TTATAACCAAGTTCTCACATAGGTTCTGTGCTTGAACCTGACCTCATGCGAGAAGTGGCCTTAGTCC
TGATGCTGTCTATGACTGTGCTACTCTTTGATTCTACTTTCCATTGACCTCACTAGTCCATGTGAAG
AATAAAATGTCAAAAAGAGAGTTTATTCGAAATACGCGCCGTGCTGCTCAGAACATTAGTGAAGATTTTG
TAGGACACCTTTATGACAACATCTACCTTATTGGCCATGTGGCTGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204606 protein sequence
Red=Cloning site Green=Tags(s)

MGQGLWRVARNHHLQQEAYSETGYLSREQSRRVASSNISHTSHRKAQGGIDIYHLLKARKSKEQEGFIN
 LEMLPPELSFTILSYLNATDLCLASCVWQDLANDELLWQGLCKSTWGHCSIYNKNPPLGFSFRKLYMQLD
 EGSLTFNANPEEGVSYFMSKGILDDSPKEIAKFIKTRTLNWKLRILYLDERRDVLDDLVTLHNFRNQFL
 PNALREFFRHIHAPERGEYLETLITKFSHRFCACNPDLMRELGLSPDAVYVLCYSLILLSIDLTSPhVK
 NKMSKREFIRNTRRAAQNISDFVGHLYDNIYLIQHVAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_015791

ORF Size: 960 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_015791.4](#)

RefSeq Size: 3527 bp

RefSeq ORF: 960 bp

Locus ID: 50753

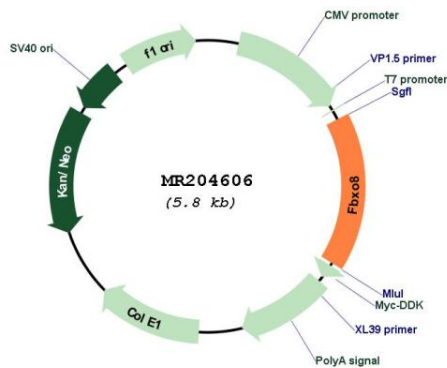
UniProt ID: [Q9QZN3](#)

Cytogenetics: 8 B2

MW: 37 kDa

Gene Summary: May promote guanine-nucleotide exchange on an ARF. Promotes the activation of ARF through replacement of GDP with GTP (Potential).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204606