

Product datasheet for **MG204606**

Fbxo8 (NM_015791) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo8 (NM_015791) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fbxo8
Synonyms:	Fbx8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204606 representing NM_015791 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTCAAGGACTCTGGAGAGTGGCCAGAAACCATCATCTCCAACAGGAAGCCTACAGTGAGACAGGCT
ACCTCAGCAGAGAACAGAGCAGGAGAGTGGCTTCAAGCAACATTTCTCACACCAGCCACCGGAAACAAGC
CCAAGGAGGCATTGATATCTATCATCTTCTGAAGCAAGGAAGTCTAAAGAACAGGAGGGGTTATAAAC
TTGGAAATGCTGCCTCCTGAGCTGAGCTTACCATCTTATCCTACCTGAATGCAACTGACCTTTGCTTAG
CTTCTGTGTTTGGCAAGACCTCGCTAATGATGAACCTTCTTGCAAGGGTTGTGTAATCTACATGGGG
TCACTGCTCTATATAAATAAGAACCACCTTTAGGATTTCTTTTAGAAAATTGTATATGCAGCTAGAT
GAGGGAAGCCTCACCTTTAATGCCAACCCAGAGGAGGGAGTGAGCTACTTTATGTCCAAGGGTATCCTAG
ATGATTCGCCAAAGGAAATAGCAAAATTTATCTTCTGTACCAGAACACTAAATTGGAAAAAAGTGAAT
CTATCTTGATGAAAGGAGAGATGCTTGGATGACCTTGTAACTTGCATAATTTAGAAATCAGTTCTTG
CCGAATGCACTGAGAGAAATTTTTCGTCATATTCATGCCCTGAAGAGCGTGAGGAGTACCTTGAATCT
TTATAACCAAGTTCTCACATAGGTTCTGTGCTTGAACCTGACCTCATGCGAGAAGTGGCCTTAGTCC
TGATGCTGTCTATGACTGTGCTACTCTTTGATTCTACTTTCCATTGACCTCACTAGTCCATGTGAAG
AATAAAATGTCAAAAAGAGAGTTTATTCGAAATACGCGCCGTGCTGCTCAGAACATTAGTGAAGATTTTG
TAGGACACCTTTATGACAACATCTACCTTATTGGCCATGTGGCTGCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204606 representing NM_015791
 Red=Cloning site Green=Tags(s)

MQQGLWRVARNHHLQQEAYSETGYLSREQSRRVASSNISHTSHRKAQGGIDIYHLLKARKSKEQEGFIN
 LEMLPPELSFTILSYLNATDCLCLASCVWQDLANDELLWQGLCKSTWGHCSIYNKNPPLGFSFRKLYMQLD
 EGSLTFNANPEEGVSYFMSKGI LDDSPKEIAKFI FCTR TLNWKLR IYLDERRDVLDDLVT LHNFRNQFL
 PNALREFFRHIHAPERGEYLET LITKFSHRFCACNPDL MRELGLSPDAVYVLCYSLILLSIDLTS PHVK
 NKMSKREFIRNTRRAAQNISDFVGHLYDNIYLI GHVAA

TRTRPLE - GFP Tag - V

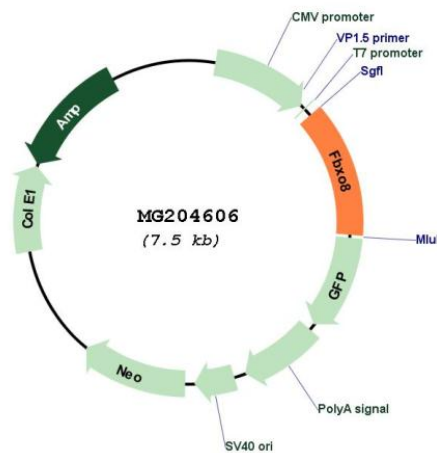
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_015791

ORF Size: 957 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:	<ol style="list-style-type: none">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:	3528 bp
RefSeq ORF:	960 bp
Locus ID:	50753
UniProt ID:	Q9QZN3
Cytogenetics:	8 B2
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]