

Product datasheet for **MC220684**

Fbxo10 (BC094565) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo10 (BC094565) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxo10
Synonyms:	FBX10; Gm634
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC094565
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCAGCCTCTATGATCGAATCGTGCTTTTCCAGGTGTGTACGAGGAGCAAGGGGAAATCATCCTGA
 AGGTGCCGGTGGAGATTGTGGGCCAAGGGAAGTTGGGTGAGGTGGCCCTGCTTGCCAGCATTGACCAGCA
 CTGCTCAACCACACGTGTGTGAATCTTGTCTTTCATGCCAGCCTGGTTCTCACCAATCATGTATAAGACC
 ACATCAGGTACATCCAGTTTGACAACCTGCAACTTTGAGAACGGACACATCCAGGTCCATGGTCCAGGTA
 CCTGCCAAGTGAAGTTTGTACCTTCAAAAACACTCATGTCTTTTGCACAACGTGCCCTTATGCATGTT
 GGAAAACGTGAATTTGTGGGCAGCGAAAACAACCTGTGTGACTGTGGAGGGTCACCCGTCGGCGGATAAG
 AACTGGGCCTACAAGTACCTGCTGGGCCTTATCAAGTCTCACCCATCTTCTCCCCGAGAGGACCATG
 ACTTTTTAATGTCCTTGGACTTAGAGAGTCGGGACCAGGCCTGGAGCCCAAGGACCTGTGACATTGTGAT
 CGAGGGCAGCCAGAGTCTACAAGCCCAGTCTGTAGCTCTCCAAGCCAGGCTCCAAGGAGGCAGAGGTG
 GGCAGCGATGGGAGAGAGTGGCCAGACTCCAGACAGCAGTGACGGTGGCCTGAGCCCCAGCGGGGAGG
 ATGAGGATGACGAACAGCTCACATACAGACTGTCTACCAGGTGCAGGGCCACGCCCTGTCTGGGGGG
 CTCATTTCTGGGCCCTCCGCTACCTGGAGCATCTATTCAGCTGCCAGCTGTCTAGTGCTGAATTCAGT
 CATCAGGAGCTGCAGAAAGACAAGGAAGCCATGGCGCTAGCCAGCTCTGTGCAGGGCTGCCTTATCCGCA
 AGTGCCTCTTCCGGGATGGGAAGGGCGGCGTCTTCGTCTGCTCTTATGGCCGTGCCAAGATGGAAGGAAA
 CGTCTTTCGGAACCTGACTTACGCGGTGCGGTGTATACACAATAGCAAGATCGTCATGCTCAGGAATGAT
 ATTTACCGCTGCCGGGCATCAGGCATCTTCTTCGACTGGAGGGTGGAGGCTTGATTGCTGGTAACAACA
 TTTACCACAATGCAGAGGCTGGTGTGGACATTCGGAAGAAATCTAATCCACTCATCTGTGTAACCAAGAT
 CCACCAGGTCTTCGATCTGGCATTGTTGTCTTGGCAATGGGAAAGGCGTCATCAGGAACAACCAATC
 TTTTCAAATAAGGAGGCTGGCATTATATCCTGTACCATGGAAATCCAATTGTGAGTGGAACCACATCT
 TCAAGGGGCGCGCAGCTGGCATAGCAGTGAACGAGAATGGCAAAGGCCTCATCACAGAAAACGTCATCCG
 TGAGAATCAATGGGGAGGTGTAGACATCCGCCGCGGCGGCTCCCGATCCTCAGGAGCAACCTCATCTGC
 TTTGGCTACTCCGACGGCGTGGTGTGGGGATGAAGGCAAGGACTGATAGAGGGGAACACCATCTATG
 CTAACAAAGGATGTGGCGTGTGGATGATGTCCTTAGCCTGCCCCACGTACCCAGCAACCATGTGAGCTA
 CAATGGCCTGTATGGAGTGGCAGTGTTCAGCCAGAAAGATGGCGAGTTCCTGGAGGCCACGGGGCCCAG
 GAGAACTTCAGTGAGGACGGAGATGCCATCCTCTGGGAGGCGGAGCTGGAGAAGGAGGATGACCCACTGC
 GCCGGCCCATCACGCTAGCGCTCGTGGAGTCCAACAGTATTAACCACAATGGAGCATCAGGAATCTTTGT
 CCAGAGCAGCGAGGCACTTCAGGTGCTTGCCAATGTGATCCACGCCAACGGGGACAGAGGCATCACCATT
 GTTCAGAGCAGCCAGCTCACACGGGTGGCCAACAACAGCATCTCTGCAATCGCCAGAGTGGGGTCAAGG
 TGGAATTTTCAGTGCAAGGTGGAGCTCCGGGGCAATGGTATCTATGACAACAGAGGCCATGGCATCATTAC
 CAAGGGTGATGGTACCGCGTTGTGGAGAATGACATCATCGGCAACCGCGGCAGCGGACTGCAGTTGCTG
 CCCAGGTCTGACACTAAGGTACTAAAGAACCGGATCCACTCCTTCCGGGCCTATGGCATTGCAGTGCGGG
 GCCGTGTTAAGGCCCTGGTTCAGGAGAACATCATCTTCCAGGGCAAGACCAACAAGACCATCTTCCAGCA
 GATCACAACAACAGAGAGTGCATCATGCAAAACAACAAGTTCCTTGTCTTCAAGAAGAAGTCTGATACC
 TGGCGCCTGGTGAACCCACCGGCACGGCCCCACCTTGAAAACCTCACTCAGGGGCTCCTCTGAGCCCA
 GTGGGCATAAGGTGACAGCCATGGCAACCAGGATCACAGCCCGTGTGGAAGGTGGCTACCATAGCAACCG
 CAGCATCTTGTACCATCTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC094565
Insert Size: 2475 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC094565, AAH94565</u>
RefSeq Size:	4428 bp
RefSeq ORF:	2474 bp
Locus ID:	269529
Cytogenetics:	4 B1
Gene Summary:	Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. The SCF(FBXO10) complex mediates ubiquitination and degradation of BCL2, an antiapoptotic protein, thereby playing a role in apoptosis by controlling the stability of BCL2.[UniProtKB/Swiss-Prot Function]