

Product datasheet for MC212906

Fbxo44 (NM_001161852) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fbxo44 (NM_001161852) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fbxo44
Synonyms: 5730411K09; AV001623; FBG3; Fbx6a; FBX30; Fbxo6a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212906 representing NM_001161852
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGGCAGTAGGCAACATCAACGAGCTGCCAGAGAACATCCTGCTGGAAGTTCATCCACATCCCAGCTC
 GCCAAGTCTGCTGCGCTGCCGACCGGTCTGCAGCCTCTGGCGAGACCTCATTGACCTGGTTACACTCTG
 GAAGCGCAAGTGCCTTCAAGAGGGCTTCATCACCGAGGACTGGGACCAGCCTGTGGCTGACTGGAAGATC
 TTCTACTTCTGCGCAGCCTCCAGAGGAACCTCCTTACAACCCTTGTGCTGAAGAGGGATTTGAGTTCT
 GGAGCCTGGACGTGAACGGAGGCGATGAATGGAAGGTAGAGGATCTCTCTAAAGACCAGCGAAAGGAATT
 CCCCAATGACCAGGTTTGCAGCCAGGCCAGACTGCGGGTCCAAGTACCAGCTGTGCGTCCAACTCCTGTC
 GTCAGCCCACGCACCACTGGGAACCTTCCAGCCGACCCGGTATGATTCAGCAGAAAAGCGATGCCAAG
 TGGAGGGAGGTTTACACACATTCTCCAATATCCTCCCGCGTCCGCTACATCTGGTTTCAGCACGGAG
 GCGTGGACTCACTACTGGGCCGGTGGTACGGCCGAGAGTCACAAACAGCAGCATCACCATCGGGCC
 CCCGCTGCCCTGATGCCTCCTGAGCCCCAGTCTCAGAGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001161852
Insert Size: 675 bp



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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:	<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:	<u>NM_001161852.2</u> , <u>NP_001155324.1</u>
RefSeq Size:	1738 bp
RefSeq ORF:	675 bp
Locus ID:	230903
UniProt ID:	<u>Q8BK26</u>
Cytogenetics:	4 E2
Gene Summary:	<p>Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site and lacks an internal exon, resulting in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (2) has a shorter and distinct C-terminus and lacks an F-box-associated domain, compared to isoform 1.</p>