

Product datasheet for **MR202286**

Fbxo44 (BC028884) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo44 (BC028884) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbxo44
Synonyms:	Fbx6a, FBG3, FBX30, 5730411K09
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202286 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGTAGGCAACATCAACGAGCTGCCAGAGAACATCCTGCTGGAAGTGTTCATCCACATCCCAGCTC
GCCAACTGCTGCTGCGCTGCCGACCGTCTGCAGCCTCTGGCGAGACCTATTGACCTGGTTACACTCTG
GAAGCGCAAGTGCCTTCAAGAGGGCTTCATCACCGAGGACTGGGACCAGCCTGTGGCTGACTGGAAGATC
TTCTACTTCTGCGCAGCCTCCAGAGGAACCTCCTTACAACCCTTGCTGAAGAGGGATTGAGTTCT
GGAGCCTGGACGTGAACGAGGCGATGAATGGAAGGTAGAGGATCTCTCTAAAGACCAGCGAAAGGAATT
CCCAATGACCAGGTCAAGAAATACTTCGTGACTTCTATTACACCTGCCTCAAGTCCCAGTGGTGGAC
CTCAAGGCTGAAGGGTATTGGGAGGAGCTGATGGACACCACCCGGCCGGACATCGAGGTCAAGGACTGGT
TTGCAGCCAGGCCAGACTGCGGGTCCAAGTACCAGCTGTGCGTCCAACCTCTGTCGTGAGCCACGCACC
ACTGGGAACCTTCCAGCCGGACCCGGTATGATTACAGCAGAAAAGCGATGCCAAGTGGAGGGAGGGTCTC
ATG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202286 protein sequence
 Red=Cloning site Green=Tags(s)

MAVGNINELPENILLELFIHIPARQLLLRCRPVCSLWRDLIDLVTLWKRKCLQEGFITEDWDQPVADWKI
 FYFLRSLQRNLLHNPCAEEGFVWVSLDVNGDEWKVEDLSKDQRKEFPNDQVKYFVTSYYTCLKSQVVD
 LKAEGYWEELMDTTRPDIEVKDWF AARPD CGSKYQLCVQLLSSAHAPLGTFPDPVMIQQKSDAKWREGL
 M

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC028884

ORF Size: 633 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: [BC028884](#), [AAH28884](#)

RefSeq Size: 974 bp

RefSeq ORF: 635 bp

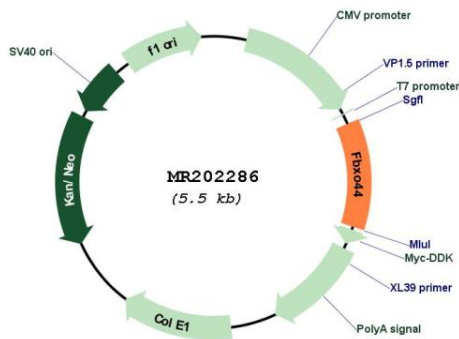
Locus ID: 230903

Cytogenetics: 4 E2

MW: 24.8 kDa

Gene Summary: Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202286