

Product datasheet for **RN206961**

Fbxo46 (NM_001025642) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo46 (NM_001025642) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fbxo46
Synonyms:	MGC114545
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206961 representing NM_001025642
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACAGGGGCAGCCTCCTGCCCTTCCAACCTCTGGTGCCCCCGGCCCTCAGCAAGTATCCCAAGAAC
 AGCCGCGTCCACCTTCCGCAACCCTCAAGCCACCAGTCTGTCTGACACAAGCAGCGGGACTGAGCCAGA
 CCACAGGCCTGCACACTTGGAGAGCACACCACCTGCCTTGGCTGCAGAAGCCCCACCTCCAGCATGCT
 CCACTCCTCTCTACAGCAGTTCAAGGTGATGAGGGTTCGAGTCTGCTGGACACGTGGTATGTTATCAAAC
 CTGGAAATACAAAGGAGAAGGTGGCTTTCTTTGTGGCCACCAGTGTGGTGGAGGTAGCCGGGCTAGCTC
 TATGAAGGTCAAAGGGCACTGGGGCAGTGACAGCTCCAAAGCTAAGAGGAGGAGGCGCTGCCTTGAGCCC
 ACCAAGGCTCCTCCAGACCAAGGGGGCCAAGAAGGGACCCTGCCACTGAGGTGGCCCCACTTCATCCG
 GGGATGATGTAGACCTGCTCTGTAGCAGAAATGGTGGCCCTGGTTGAACAGAGAGCTGCCTGGCCCT
 GCAGAGTTACCCACGCCGAGTACCCAGCTCCTGTGGTCTTTGTGTGAGCTGAGCAGGGGGGACCAGCC
 AAGGGGCTAGGGTCAGAAAGGGCGTCTGGTGGTGGTACTGCAGCCGAGTTGCTGAGGCAGTGGCCCACT
 TTGAGGCCACGGGGACAGCCCTCTACCAAGGGTCTCCGCAAGGAGGAGCGGCCAGGCCCTGGGCCAGG
 AGAGGTGCGAATAGCCTTCCGTATCTCCAATGTCCGGGAGCCCCAGTACCAGATGGCAGCTTAGCCAAT
 GGGGGTGGAGGTCCGCCCTGCTTGTCCCTACCCTGGTAGTCTGGGCCCTGGGACTCGAGCCAAAGACAAAA
 TCACCTGCGACTTGTACCAGTGTACAGCCCTTAGGGATGCCCTTCCAGCAACGTGGAGTTCCTACT
 GGCCAGGGCCGATGAAGCAAGTGAGGGTGGAGACACCAGCCCCGGCCAGGCTGAGGACACTCCACCAGCA
 CCCCCTCCGCCCTGCCGGGACTGTGGTGCATCAGGATCCACGTGGACGTGGTGGTGCACAGGAGTAG
 TGGATGCCCTGCATCTTTGGCAAAGATGGCACCAAGAATGTGAAGGAAGAGACTGTGTGCCTGACCGT
 GAGCCCCGAGGAGCCACCCCTCCTGGACAGCTCTTCTTCCAGTCCCGGGGGCCGGAAGGGCCCTCT
 GAGCCACCCAGCTGATACAGCAAGCAAGGTGCCAGGCCCGAGGATTCTGAGGGCACAACAGACACCT
 CCCTGTGCCGCTGTACCGGCACGTGTGCGATGACTTCTGGAGATTCGCTTCAAATCCAGCGTCTCT
 GGAGCCGAGGCAGTACATGCTGTGCTGCCGGAGCATGTGCTCGTCAAGATATTCAGCTTCTGCCACA
 CGGGCCCTGGCTGCCCTCAAGTGCACCTGCCACCACTTCAAGGGTATCATTGAGGCCTTTGGTGTACGAG
 CCACGGACTCTCGCTGGAGCCGGGACCCCTCTACCGAGATGACCCTTGAAGCAGTGCCGAAGAGATA
 TGAGAAGGGTGTGTGCTACTCTGCCGCTGGCACCCCAAACCCTACCACCAGACCTGCCTATGGACGT
 TCCTACTGGATGTGCTGCCGAGAGCCGACCCGAGACCCAGGCTGTGCCTGGGCTTGCATGACAACA
 ACTGGGTACTGCCGTGTAAACGGAGTAGGTGGAGGCCGTGCTGGCCGGAAGAGGGGAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001025642
- Insert Size:** 1812 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.

RefSeq: [NM_001025642.1](#), [NP_001020813.1](#)

RefSeq Size: 2955 bp

RefSeq ORF: 1812 bp

Locus ID: 292686

UniProt ID: [Q4KLY2](#)

Cytogenetics: 1q21

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