

Product datasheet for **MG220261**

Fbxo40 (NM_001037321) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo40 (NM_001037321) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fbxo40
Synonyms:	9830003A13Rik; mKIAA1195
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG220261 representing NM_001037321
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTCGGGCACGCAAGCCTCCACCTGCGCTGCACAGGCACTGTGAGGGATGCTTCAACCGCCACTGCC
 ACGTTCCGGTGGAGCCCAGCGTCTCCTGCCTGGTGATAAGCTGCCACCTGCTCTGTGGCGCCACCTTCCA
 CATGTGCAAAGAGTCAGAGCATACACTCCTCTGCCCTCTGGAGCAGGTTCCCTGCCTCAACTCTGAGTAT
 GGCTGCCCGCTCTCCATGGCAGGCCACAAGCTGGCTAAGCACCTGCAGGTATGCCCGCCAGCGTGGTCT
 GCTGCTCCATGGAATGGATCCGCTGGCCAAACGTGGACTCAGAAACATTCTTACGAGAACATCATGAA
 AGAGACCCCAAGTGAAGGAGTGTGGACACAGCCCTGGCCCTCCAGGACCAGAAGTACTCTTACAGATCC
 TTGAAAATGGTAGAGCTTTCCAGAAACCAGAGACGCCACGGAGGAGGAACCAGACATGAATGGTGACA
 CCAGTTGGGAGGAGACTGGGGCGCAGTGGGGGAGTGGATGCCAGGCTAGCACCAAATCTTGTGGTCC
 GGCAACCAGTAGGCAATGATGGAGCTCAGTCAGGAGGAACGAGATGCACTGGCAAAAACCAAAGAAGGG
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 GTTCCTTGGGGAAGAGTGAAGACAAGAATGGGGATGTGGCTGGGAAAGAGCAGTGTCCAGTAATGTTCCG
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 GCTACCATGGAGATGACAGGGCTTGTCCCTGGCAAGATGGTGTCTGGAAGACTAAAAACAGCCGTGG
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 TTCAAGATTCCCGTGAGCTACTGCGGGAAGCGAGCTCGCTTGGGAGATGCCATGTTGAAATGCAGACCAA
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 CCCTAGCCTACTGGGATGTACATTTGTTGAGAACCTTCCGCCCCCTGGACAAAAGCAAAGTGTAT
 CTATAGCCAGGAGCTGAAGACCTTTGCCATCAAACCAGAGGTTGCTCCGGAGCTGAGTGAGAAATGGAAG
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 GGAGGCACCTCCTGAAAAGTCCACAATCAGATCTGGCAGTTTACAGCAGCCTCTTCTCAAAAATCAACAGCT
 GGGAGTTTAAAGCAGTACCTCCATGTCTGAGCACCTGAAAACCTGTCTTTCAACATCGTGAGCGGAA
 GACTGACCCGATTCGTTTGACCAGCATGTGCCAGCCCCAAGAGAAGGCCCGGGAGAGCTTAGTGTCCACC
 TTTAGGGCCCCACCACGGGGCAGACACTTTTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG220261 representing NM_001037321
 Red=Cloning site Green=Tags(s)

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MGRARKPPPALHRHCEGCFNRHCHVPVEPSVSCLVISCHLLCGATFHMCKESEHTLLCPLEQVPCLNSEY
GCPLSMARHKLAKHLQVCPASVCCSMEWIRWPNVDSETFLENIMKETPSEECLDTALALQDQKVLFRS
LKMVELFPETRDATTEEPDMNGDTSWEETGGAVGGVDARLAPNSCLPATSRQMMELSQEERDALAKTKEG
MDLDFKFGKWE SMFSKEHAASVLTGSLGKSEDKNGDVAGKEQCSSNVIRIGDAEGSAERRGPQESQKSQELP
ATMEMTGLAPWQDGVLERLKTAVDAKDYNMYLVHNGRMLIHFGQMPACTPKERDFVYGNLEAQEVKTVYT
FKIPVSYCGKRARLGDAMLKCRPSEHKAVDSDLGIVSVDLPKSDLIKTTLQCALERELKGVHVISERSI
DGLFMDLATQTYNFEPEQFSSETVLADLLGTAQPGLHVELHSECVTRRHNSSSAFTFTCNKFFRDEF
PLHFKNVHTDIQSSLDGWFQHRCLAYLGCTFVQNHFRPPGQKAKVIYSQELKTFAIKPEVAPELSEKWK
SDHLSGRDGKSLNSLTSLPLEVLQYIAGFLDSISLSQLSQVSVLMRNICATLLQERGMVL SQWKKRYSH
GGTSWKVHNQIWQFSSLF SKINSWEFNDVTS MSEHLKTC PFNIVERKTDPIRLTSMCQPQEKARESLVST
FRARPRGRHF
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001037321

ORF Size: 2130 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: [NM_001037321.1](#), [NP_001032398.1](#)

RefSeq Size: 2518 bp

RefSeq ORF: 2133 bp

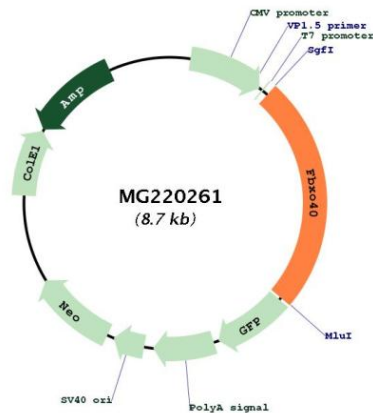
Locus ID: 207215

UniProt ID: [P62932](#)

Cytogenetics: 16 B3

Gene Summary: Probable substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex that may function in myogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG220261