

Product datasheet for **MG205671**

Fbxo28 (NM_175127) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo28 (NM_175127) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fbxo28
Synonyms:	4833428J17Rik; 5730505P19Rik; D1Ert578e; Fbx28; mKIAA0483
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205671 representing NM_175127 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCGCGGTCTGAGGAGCGGATGGCTGAGGAAGGAGGCGCGGCCACGGCGACGGCGGCTCCTGTT
CGGCTGCCGGCTCCGCTCAGCGACAGCCCCGGCGCCCCCGTCGCAGGCCCGCCCGGGTCCCAGGC
ACCCGCCGCGCCCGCTGGCACCGGACCCTGCCCAAACAACACTGGTGGCGTGCCCATCGTA
GCCATCGAGAACATCCTCAGCTTATGTCTACGACGAAATTAGCCAGCTCCGCCTGTTTGTAAAGAA
TGGACCTGGTCTGTGAGAGAATGTTGAATCAGGGTTTCTGAAAGTGGAGAGTTCCATAACCTGTGTCA
GAAGCAAGTTAAAGCACAGCTACCGAGGAGAGAGTCAGAAAGAAGAAACCATTCTTAGCTCGTCATGCA
GACATCCTTGCCGCTGTGAAACGAGGTTGCTACTGTTGAATATGACCTTCATGAAGTATGTGGATTCCA
ACCTCTGTTGCTTCATCCAGGAAAGGTGATTGATGAGATTTACCGTGTACTGAGATATGTCAATCTAC
CAGAGCCCCTCAGCGAGCTCACGAGGTGCTGCAGGAGTTACGGGATATCTCCTCCATGGCGATGGAGTAC
TTTGATGAGAAGATTGTTCCAATTTGAAGAGGAAATGCCAGGATCAGATGTGTGAGGAAGACTCATGG
GCTCTCCTCCAGTTCCCGGGCCATCCGCAGCCCTGACAACAATGCAGCTCTTCTCAAGCAAAACCCGTC
CAGACAAGAGGTTACCAAATGCAGCAGCAGGTGAGAACCAACGGCGCTGGCGTGACTGTCTCAGGCGT
GAGATTTCTGAGCTTCGCACAAAGTGAAGAGCAGCAGAAACAGCTTCAAGAACAGCCAGAAACTGC
TCGAGCAGACCCAGATCATAGGCGAACAGAACGCACGGCTGGCAGAGCTGGAACGCAAGCTCCGGGAAGT
CATGAAAGTGCAGTAGGACCTCCTCAGGCTCTGGGCAGAGTGAGGAGTCCCCTCGAAACGACGGAAG
GCAACGGAAGCCATAGACTCTCTTAGGAAATCAAACGACTTCGGAATAGGAAG

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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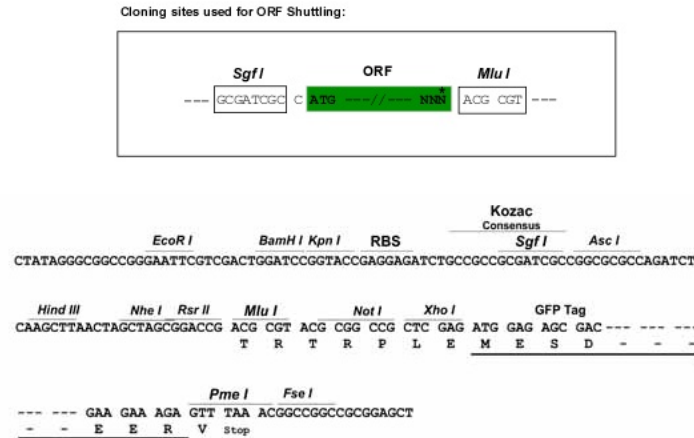
Protein Sequence: >MG205671 representing NM_175127
 Red=Cloning site Green=Tags(s)

MAAASEERMAEEGGGGHGDGGSCSAAGSAQRQPPAPPSQAPPPGSQAPAAPALAPDHL PQNNTLVALPIV
 AIENILSFMSYDEISQLRLVCKRMDLVCQRMLNQGFLKVERFHNLCQKQVKAQLPRRESERRNHSLARHA
 DILAAVETRLSLLNMTFMKYVDSNLCCFIPGKVIDEIRVRLRYVNSTRAPQRAHEVLQELRDISSMAMEY
 FDEKIVPILKRRKLPGSDVSGRLMGSPVPGPSAALTMMQLFSKQNP SRQEVTKLQQQVRTNGAGVTVLRR
 EISELRTKVQEQQKQLQDQDKLLEQTQIIGEQNARLAELERKLREVMESAVGTSSGSGQSEESPRKRRK
 ATEAIDSLRKSRLRNRK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_175127

ORF Size: 1104 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_175127.2](#), [NP_780336.1](#)

RefSeq Size: 4932 bp

RefSeq ORF: 1107 bp

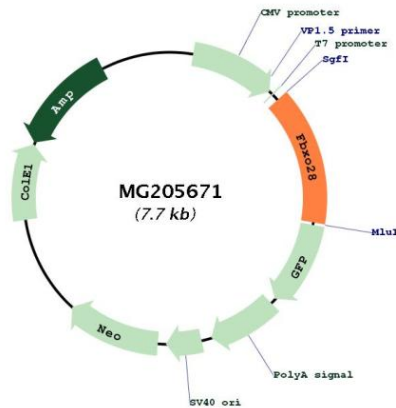
Locus ID: 67948

UniProt ID: [Q8BIG4](#)

Cytogenetics: 1 84.93 cM

Gene Summary: Probably recognizes and binds to some phosphorylated proteins and promotes their ubiquitination and degradation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG205671