

Product datasheet for MR205671

Fbxo28 (NM_175127) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fbxo28 (NM_175127) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fbxo28
Synonyms: 4833428J17Rik; 5730505P19Rik; D1ErtD578e; Fbx28; mKIAA0483
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR205671 representing NM_175127
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCGCGGTCTGAGGAGCGGATGGCTGAGGAAGGAGGCGCGGCCACGGCGACGGCGGCTCCTGTT
 CGGCTGCCGGCTCCGCTCAGCGACAGCCCCGGCGCCCCCGTCGCAGGCCCGCCCGGGTCCCAGGC
 ACCCGCCGCGCCGCGCTGGCACCAGCACCTGCCCAAACAACACTGGTGGCGCTGCCATCGTA
 GCCATCGAGAACATCCTCAGCTTATGTCTACGACGAAATTAGCCAGCTCCGCCTGTTTGTAAAGAA
 TGGACCTGGTCTGTGAGAGAATGTTGAATCAGGGTTTCTGAAAGTGGAGAGTTCCATAACCTGTGTC
 GAAGCAAGTTAAAGCACAGCTACCGAGGAGAGAGTCAGAAAGAAGAAACCATTCTTAGCTCGTCATGCA
 GACATCCTTGCCGCTGTGAAACGAGGTTGCTACTGTTGAATATGACCTTCATGAAGTATGTGGATTCCA
 ACCTCTGTTGCTTCATCCAGGAAAGGTGATTGATGAGATTTACCGTGTACTGAGATATGTCAATCTAC
 CAGAGCCCCTCAGCGAGCTCACGAGGTGCTGCAGGAGTTACGGGATATCTCCTCCATGGCGATGGAGTAC
 TTTGATGAGAAGATTGTTCCAATTTGAAGAGGAAATGCCAGGATCAGATGTGTGAGGAAGACTCATGG
 GCTCTCCTCCAGTTCCCGGGCCATCCGCAGCCCTGACAACAATGCAGCTCTTCCAAGCAAAACCCGTC
 CAGACAAGAGGTTACCAAATGCAGCAGCAGGTGAGAACAACGGCGCTGGCGTGACTGTCTCAGGCGT
 GAGATTTCTGAGCTTCGCACAAAGTGAAGAGCAGCAGAAACAGCTTCAAGACAAGACCAGAACTGC
 TCGAGCAGACCCAGATCATAGGCGAACAGAACGCACGGCTGGCAGAGCTGGAACGCAAGCTCCGGGAAGT
 CATGGAAGTGCAGTAGGACCTCCTCAGGCTCTGGGCAGAGTGAAGAGTCCCCTCGAAACGACGGAAG
 GCAACGGAAGCCATAGACTCTCTTAGGAAATCAAACGACTTCGGAATAGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR205671 representing NM_175127
Red=Cloning site Green=Tags(s)

MAAASEERMAEEGGGGHGDGGSCSAAGSAQRQPPAPPSQAPPPGSQAPAAPALAPDHL PQNNTLVALPIV
 AIENILSFMSYDEISQLRLVCKRMDLVCQRMLNQGFLKVERFHNL CQKQVKAQLPRRESERRNHSLARHA
 DILAAVETRLSLLNMTFMKYVDSNLCCFIPGKVIDE IYRVLYVNSTRAPQRAHEVLQELRDISSMAMEY
 FDEKIVPILKRRKLPGSDVSGRLMGSPVPGPSAALTTMQLFSKQNP SRQEVTKLQQQVRTNGAGVTVLR
 EISELRTKVQEQQKQLQDQDKLLEQTQIIGEONARLAELEKRLREVMESAVGTSSGSGQSEESPRKRRK
 ATEAIDSLRKSRLRNRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9035_a05.zip

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

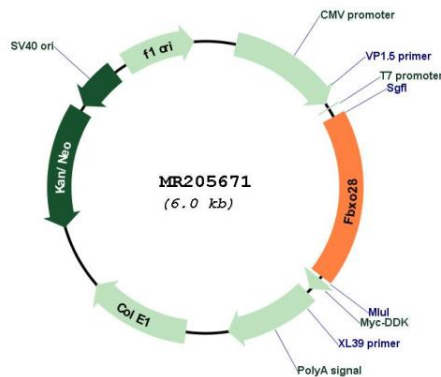
UniProt ID: [Q8BIG4](#)

Cytogenetics: 1 84.93 cM

MW: 41.4 kDa

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 MR205671