

Product datasheet for **MR216205**

Fbxl20 (NM_028149) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxl20 (NM_028149) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbxl20
Synonyms:	2610511F20Rik; 4632423N09Rik; AI849362; AL117906; C86145; Fbl2; mKIAA4147; Scr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR216205 representing NM_028149
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGAGGGACGTGAACGGAGTGACCAAGAGCAGGTTTGAGATGTTCTCAAACAGTGATGAGGCTGTAA
 TCAATAAAAAAAGTCCCAAGAAGTCTGTTGAGGATATTTCTTCTGGATGTTGTTACCTGTGTCG
 CTGTGCTCAGGTCTCCAGGGCCTGGAATGTCTAGCTCTGGATGGCAGTAACTGGCAACGGATAGACCTG
 TTTGATTTCCAGAGGGACATTGAGGGCCGGTAGTGAAAATATTTCAAACAGTGTGGAGGCTTTTAC
 GAAAGTTAAGTCTTCGTGGGTGTCTGGAGTAGGAGACAATGCATTAAGGACCTTGCACAAAAGTGTAG
 GAATATTGAAGTACTAAGTCTCAACGGATGTACAAAGACAACAGATGCTACCTGCACTAGCCTTAGCAAG
 TTCTGCTCCAAACTCAGACACCTCGACTTGGCTTCTGTACGTCATAACAAACATGTCTCTAAAAGCTC
 TGAGTGAGGGCTGTCCACTGTTGGAGCAGTTGAACATTTCTGGTGTACCAAGTAACCAAGGATGGCAT
 TCAAGCACTAGTGAGAGGCTGTGGGGTCTCAAGGCCTTATTCTTAAAAGGCTGCACTCAGCTAGAAGAT
 GAAGCTCTCAAGTACATAGGTGCACACTGCCCTGAGCTAGTGACTTTAAACCTGCAAACTTGCTTACAAA
 TCACAGATGAAGGTCTCATTACCATATGCAGAGGGTGTACATAAGTTGCAGTCCCTCTGTGCCCTGGGTG
 CTCCAATATCACAGATGCCATCCTGAACGCTCTAGGTCAGAACTGCCCTCGACTTAGAATATTAGAAGTG
 GCCAGATGTTCCAGTTAACAGATGTGGGCTTCACTACCTAGCCAGGAATTGCCATGAGCTTGAGAAGA
 TGGACCTAGAAGAATGTGTGCAGATCACGGATAGCACATTAATCCAGCTTTCATTCACTGTCTCGGCT
 TCAAGTGTGAGTCTTCTCACTGTGAGCTGATCACAGACGATGGAATCCGTCACCTAGGGAACGGGGCC
 TGTGCCATGACCAGCTTGAGGATAGAGCTGGACAACCTGCCACTAATCACCGATGCATCCCTGGAGC
 ACTTGAAGAGCTGTACAGCCTTGAGCGAATAGAACTCTATGACTGCCAGCAGATCACCCGGGCTGGCAT
 CAAGAGACTCAGGACCCATTTACCAACATTAAGTCCACGCCTACTTCGCCCTGTCACTCCGCCCCCA
 TCAGTCGGGGCAGCAGACAGCGCTTCTGCAGGTGCTGCATCATCCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR216205 representing NM_028149
 Red=Cloning site Green=Tags(s)

MRRDVNGVTKSRFEMFSNSDEAVINKKLPKELLRIFSLFDVVTLCRCAQVSRWVNLALDGSNWQRIDL
 FDFQRDIEGRVVENISKRCGGFLRKL SLRGCLGVGDNALRTFAQNCRNIEVL SLNGCTKTTDATCTSLK
 FCSKLRHLDLASCTSITNMSLKALSEGCPLEQLNISWCDQVTKDGIQALVRGCGGLKALFLKGCTQLED
 EALKYIGAHCPPELVTLNLQTCLQITDEGLITICRGCHKLQSLCASGCSNITDAILNALGQNCPRLRILEV
 ARCSQLTDVGF TTLARNCHELEKMDLEECVQITDSTLIQLSIHCPRLQVLSL SHCELITDDGIRHLNGA
 CAHDQLEVIELDNCPLITDASLEHLKSHSLERIELYDCQQITRAGIKRLRTHLPNIKVHAYFAPVTPPP
 SVGGSRQRFRCRCIIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9033_e01.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_028149

ORF Size: 1308 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_028149.1](#), [NP_082425.1](#)

RefSeq Size: 8607 bp

RefSeq ORF: 1311 bp

Locus ID: 72194

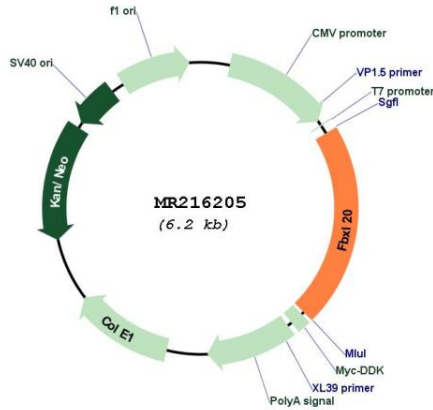
UniProt ID: [Q9CZV8](#)

Cytogenetics: 11 D

MW: 48.8 kDa

Gene Summary: Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Isoform 3 regulates neural transmission by binding and ubiquitinating RIMS1, a modulator of presynaptic plasticity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216205