

Product datasheet for **MG216205**

Fbxl20 (NM_028149) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxl20 (NM_028149) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fbxl20
Synonyms:	2610511F20Rik; 4632423N09Rik; AI849362; AL117906; C86145; Fbl2; mKIAA4147; Scr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG216205 representing NM_028149 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGAGGGACGTGAACGGAGTGACCAAGAGCAGGTTTGAGATGTTCTCAAACAGTGATGAGGCTGTAA
TCAATAAAAAACTTCCCAAAGAACTCCTGTTGAGGATATTTCTTCTGGATGTTGTACCCTGTGTGC
CTGTGCTCAGGTCTCCAGGGCTGGAATGTCCTAGCTCTGGATGGCAGTAACTGGCAACGGATAGACCTG
TTTGATTTCCAGAGGGACATTGAGGGCCGGTAGTGGAAAATATTTCAAACGATGTGGAGGCTTTTTAC
GAAAGTTAAGTCTTCGTGGGTGTCTGGAGTAGGAGACAATGCATTAAGGACCTTGCACAAAACGTAG
GAATATTGAAGTACTAAGTCTCAACGGATGTACAAAGACAACAGATGCTACCTGCTAGCCTTAGCAAG
TTCTGCTCCAAACTCAGACACCTCGACTTGGCTTCTGTACGTCAATAACAAACATGTCTCTAAAAGCTC
TGAGTGAGGGCTGTCCACTGTTGGAGCAGTTGAACATTTCTGGTGTGACCAAGTAACCAAGGATGGCAT
TCAAGCACTAGTGAGAGGCTGTGGGGTCTCAAGGCCATTATTCTAAAAGGCTGCACTCAGCTAGAAGAT
GAAGCTCTCAAGTACATAGGTGCACACTGCCCTGAGCTAGTGACTTTAAACCTGCAAACTTGCTTACAAA
TCACAGATGAAGGTCTCATTACCATATGCAGAGGGTGTGATAAGTTGCAGTCCCTCTGTGCCCTGGGTG
CTCCAATATCACAGATGCCATCCTGAACGCTCTAGGTGAGAACTGCCCTCGACTTAGAATATTAGAAGTG
GCCAGATGTTCCAGTTAACAGATGTGGGCTTCACTACCCTAGCCAGGAATTGCCATGAGCTTGAGGAAG
TGGACCTAGAAGAATGTGTGCAGATCACGGATAGCACATTAATCCAGCTTCCATTCACTGTCTCGGCT
TCAAGTGTGAGTCTTTCTCACTGTGAGCTGATCACAGACGATGGAATCCGTCACCTAGGGAACGGGGCC
TGTGCCCATGACCAGCTGGAGGTGATAGAGCTGGACAACCTGCCACTAATCACCGATGCATCCCTGGAGC
ACTTGAAGAGCTGTCACAGCCTTGGCGAATAGAAGTCTATGACTGCCAGCAGATCACCCGGGCTGGCAT
CAAGAGACTCAGGACCCATTTACCCAACATTAAGTCCACGCCTACTTCGCCCTGTCACTCCGCCCCCA
TCAGTCGGGGGCAGCAGACAGCGCTTCTGCAGGTGCTGCATCATCCTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG216205 representing NM_028149
 Red=Cloning site Green=Tags(s)

MRRDVNGVTKSRFEMFSNSDEAVINKKLPKELLRIFSFLDVVTLRCRAQVSRAWNVLALDGSNWQRIDL
 FDFQRDIEGRVVENISKRCGGFLRKLRLRGCLVGDNALRTFAQNCRNIEVLSLNGCTKTTDATCTSLSK
 FCSKLRHLDLASCTSI TNMSL KALSEGCP LLEQLNISWCDQVTKDGIQALVRGCGGLKALFLKGCTQLED
 EALKYIGAHCP ELVTLNLQ TCLQITDEGLITICRGCHKLQSLCASGCSNITDAILNALGQNCPLRILEV
 ARCSQLTDVGF TTLARNCHELEKMDLEECVQITDSTLIQLSIHCPRLQVLSLSHCELITDDGIRHLGNGA
 CAHDQLEVIELDNCLPITDASLEHLKSCHSLERIELYDCQQITRAGIKRLRTHLPNIKVHAYFAPVTPPP
 SVGGSRQRFRCCCIIL

TRTRPLE - GFP Tag - V

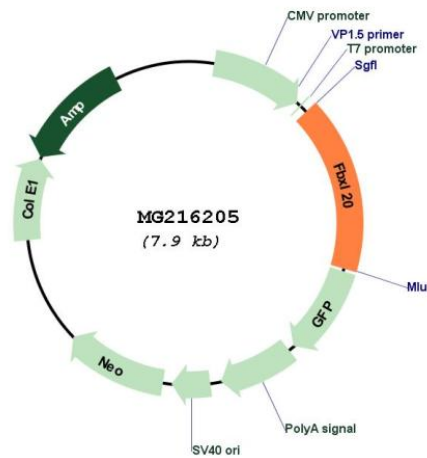
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



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:	<ol style="list-style-type: none">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
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]