

Product datasheet for **MR205812**

Fbxl8 (NM_015821) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Fbxl8
Synonyms:	FBL8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR205812 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTGCTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGGAGCTGGTCGACAATCTGCCAGAGGAAGTGTGGCGCTCATCTCCGTGACCTGCCTCTCAGGG
ACCTTGCTGTAGCCACCAGAGTCTGCAGGGCCTGGGCGCGGCTGCCGCCAACAGCACCCTGTGGTCTGA
TAAAGCATCAGTTGTGACTGTGAGCTGGAAGACTTGTGCCACCATATCTGCTCCTGCTGGACCAC
ATTCACAACCTAAGGCTGGAATATGAGCCATCAAAGAAGCCAGCCGCGGAACGCCACCGAGCTGCTGA
CCGCTCTGGCCAGCCGAGCCCCAAGGCTCCGAGGCTGCGCTTGGAGTGCCGCGGAGAGAAACCGCTTTT
TGATGCGGGCCAGGACATCCTGGGAGCTGTGCACGAGTCTGCGGAGCTGCTCACCAACTTCGCCACCTC
GACCTGCGCCACTTGCCCTACACGCTGGACGACACTCTGGTGCTTAAGGCTGCTGCTGGCTGTCCCGAGC
TCCGAGTCTTTTCTGGACAACCATGCACTGGTGAACAGCGTGCAGCCACTTCTGTGCTCAAACACT
GGAGGCTGTCTCACTTGCGCGCCCTTGGACTGCACCTTGCTAGTATGTCGCGCGCCGCGCTGGAATTG
CTAGCCGCTCCGCATCGCTCCCTTTTGCACCTTCTGGCACTGAGGTGCGCGTGCCCCGAAGATGCTCGTG
CTTCCCTCTGCCTGATGAAGCCTGGGCGACACTGAGTTGCCGCCATCTGGGCTGGAGGTGGAGCTGGA
GCTGGAGCCTGTGCTTCCAGATGAGGCCGTGACGCGCATCTGCAACCAGCAGTACCAGTGGCTGTGCTG
CGTCTCAACCTCTCCGTGACACTGTAGGACCCGTGCGCTTCGCAACGCGCCACTACGCTGAAACTTTGC
GCGCCCTCGAGGTGCGCGCTCCGCATCCCCGAGTTGCACACCGCGCTGGAGGAGCTGGCGCGCGCTG
CGCGGGCTTGAGAGAAATACACTGCTTCTGCGTGGTGAGACCTCGGTACTGGACGCTTCCGAGCGCAC
TGTCCGCGCTGCGCAGCTATACGCTCAAGCTAAAGCGTGAGCCGCATCCCTGGCGGCCCACTGGTGC
GG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:

>MR205812 protein sequence
Red=Cloning site Green=Tags(s)

MGELVDNLPEEVLALIFRDLPLRLD LAVATRVCAWAAAAANSTVWSDKISCDCELEDLLPPYLSSDLH
IHNRLREYEPSKKPSRGATELLTALASRAPRLRGLRECRGEKPLFDAGQDILGAVHAVCGAAHQLRHL
DLRHLPTYLDLDTLVLKAAGCPELRSFLDNHALVNSVQPTSVLKLL EACPHLRALGLHLASMSRAALEL
LAAPHRSFPALLALRCACPEDARASLPDEAWATLSCHRPGLVELELEPVLPDEAVTRTLQPAVPVAVL
RLNLSDYTVGPVRFAETHYAEI LRALEVRASAPELHTALEELAARCAGLREIHCF CVVRPSVLDAFRAH
CPRI RSGT KHKREPHWRPRTI VR

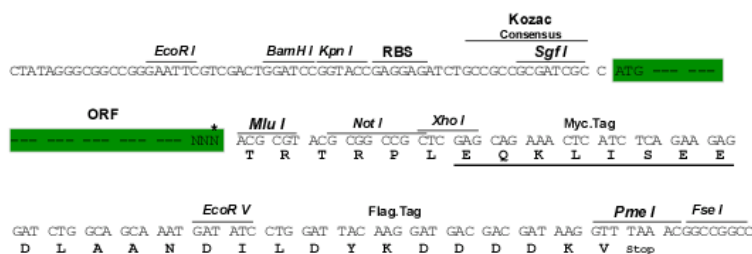
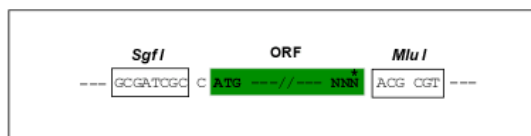
TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN:

NM_015821

ORF Size:

1122 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_015821.1](#), [NM_015821.2](#), [NP_056636.1](#)

RefSeq Size: 1901 bp

RefSeq ORF: 1125 bp

Locus ID: 50788

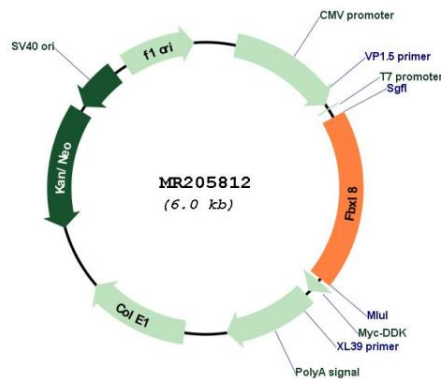
UniProt ID: [Q8CIG9](#)

Cytogenetics: 8 D3

MW: 41.1 kDa

Gene Summary: Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205812