

Product datasheet for **MR206290**

Fbxl14 (NM_133940) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Fbxl14
Synonyms:	AW322056; Fbx14l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR206290 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGAGACCCACATCTCGTGCCTGTTCCCGAGCTGCTGGCCATGATCTTCGGCTACTTGGACTTCCGAG
ACAAGGGTCGCGCGGCGCAGGTGTGACAGGCCCTGGCGGAGCGCCCTACCACAAGTCGGTGTGGCGGG
CGTGGAGGCCAAGCTGCACCTGCGCCGGGCGAACCCTGCTGTTCCCGAGCTGCAGGCCCGGGCATT
CGCCGCGTGCAGATCCTCAGCCTCCGCCGAGCCTCAGCTACGTGATCCAGGGCATGGCGAACATCGAGA
GCCTCAACCTCAGCGGCTGCTACAACCTACCGACAACGGCCTGGGCCACGCGTTCGTGCAGGAGATCGG
CTCGCTGCGCGCTCTCAACTTGAGCCTTTGCAAGCAGATCACCGACAGCAGCCTGGGCCGCATAGCCAG
TACCTCAAGGGCTGGAGGTGCTGGAGCTGGGGGGCTGCAGCAACATCACCAACACCGGCCTTCTGCTCA
TTGCCTGGGGGCTGCAGCGCCTCAAGAGCCTTAATCTCCGAGCTGTCGCCACCTCTCGGATGTGGGCAT
CGGGCACCTGGCCGGCATGACGCGCAGCGCTGCCGAGGGCTGCCTGGGCCTGGAGCAGCTCACTCTTCAG
GACTGCCAGAACTCACGGATCTTTCCCTGAAGCACATCTCGCGAGGGCTGACGGGCCTCCGGCTCCTCA
ACCTCAGCTTCTGCGCGGCATCTCGGACGCGGCCCTTCTGCACCTGTGCGACATGGGCAGCCTGCGCAG
CCTGAACCTGCGCTCCTGCGACAACATCAGCGACACCGGCATCATGATCTGGCCATGGGCAGCCTGCGC
CTTCCGGTCTGGATGTGCTGTTCTGTGACAAGGTGGGAGATCAGAGCTGGCGTACATAGCCAGGGAC
TGGACGGCCTCAAGTCCCTCTCCCTTTGCTCTTGCCATATCAGTGACGATGGCATCAACCGCATGGTGCG
GCAGATGCACGGGCTGCGCACGCTCAACATTGGACAGTGTGTGCGCATCACGGACAAGGGCTGGAGCTG
ATCGCTGAGCACCTGAGCCAGCTCAGGGCATAGATCTGTACGGCTGCACCAGGATCACCAAGCGCGGCC
TGGAGCGCATCACGAGCTGCCCTGCCTCAAGTACTTAACCTGGGACTTTGGCAGATGACGGACAGTGA
GAAGGTCAGG

AG**CGGACCG**ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



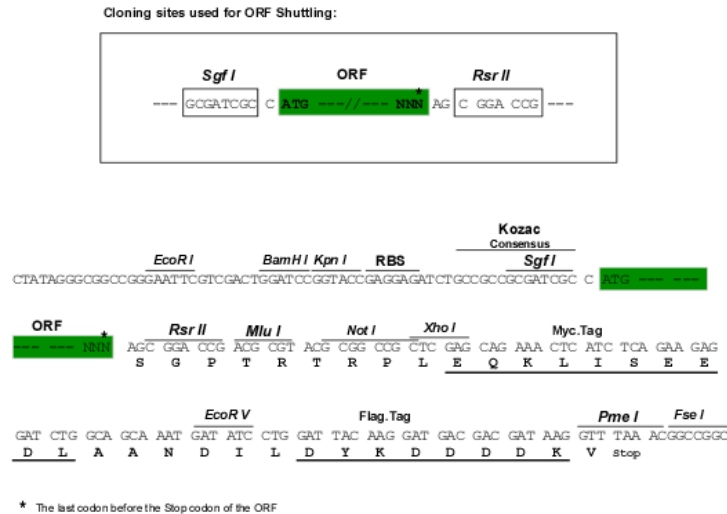
Protein Sequence: >MR206290 protein sequence
Red=Cloning site Green=Tags(s)

METHISCLFPELLAMIFGYLDFRDKGRAAQVCTAWRDAAYHKSVWRGVEAKLHLRRANPSLFPSLQARGI
RRVQILSLRRSLSYVIQGMANIESNLSCYNLTNGLGHAFVQEIGSLRALNLSLCKQITDSSLGRIAQ
YLKGLEVELEGGCSNITNTGLLLIAWGLQRLKSLNLRSCRHLSDVGIGHLAGMTRSAEGLGLEQLTLQ
DCQKLTDLCLKHISRGLTGLRLNLNLSFCGGISDAGLLHLSHMGLRSLNLRSCDNISDTGIMHLAMGLR
LSGLDVSFCDKVGDQSLAYIAQGLDGLKSLSLCSCHISDDGINRMVRQMHGLRTLNIQCVRITDKGLEL
IAEHLSQLTGIDLYGCTRITKRGLERITQLPCLKVLNLGLWQMTDSEKVR

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_133940

ORF Size: 1200 bp

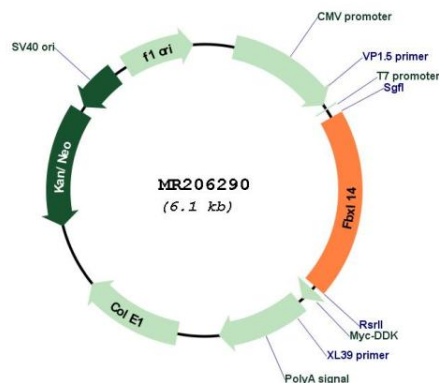
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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:	<u>NM_133940.2</u>
RefSeq Size:	4219 bp
RefSeq ORF:	1203 bp
Locus ID:	101358
UniProt ID:	<u>Q8BID8</u>
Cytogenetics:	6 F1
MW:	43.9 kDa
Gene Summary:	Substrate-recognition component of some (SKP1-CUL1-F-box protein)-type E3 ubiquitin-protein ligase complexes. The SCF(FBXL14) complex acts by mediating ubiquitination and subsequent degradation of SNAIL (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206290