

Product datasheet for **MR208744**

Fbxl4 (BC033265) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxl4 (BC033265) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbxl4
Synonyms:	4732456I21, FBL4, FBL5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208744 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACAGCCATAGGACTATAGTGTCAAACAGCCGGACTTCCCCTCTCAATGCAGAGGTGGTCCAGTATG
 CTAAGAAGTGGTGGATTTCAGTCCCATTACGGCAGTGAGAACAGTATGTCCTATACCATGTGGAAATTT
 GGCAGGTGTACCAAATGTCTTCCCAAGTCTGGTGACTTCACGCAGACGGCTGTGTTTCCAACCTATGGG
 ACGTGGTGGGATCAGTGTCTAGTGCTTCTTCCATTGAGAGGACACCGTCCAGTTTCCAGAGCCAGG
 ACTATGTGGAAGTACTTTTGGCAGCAAGTGTACCCACGGCTGTCCATGTGCTGGAGACTTACCATCC
 TGGAGCAGTCATCAGAATCTGGCCTGCTCAGCAAATCCCTACTCCCAAAATCTCCAGCTGAAGTAAGA
 TGGGAGATTCTTTGGTCAGAGAGACCTATGAAGGTGAATGCTTCCAGGCTCGTCAGTTTAAACCTTGTA
 TTAAGCAAATAAATTTCCCTACAAACCTCATACTGACTGGAAGTCAATAGTTCTCTTCTGGATTATTACAC
 CGAAGTATGATGATCTAGAAGATGACGACTATGAAGAGAAGGATGGCTGTGAGATGGATGCTCTTAAACAAA
 AGTTTAGCAGTGTGCCCTTGGGGATGGGCCACATAATGGGTATTTTGATAAACTACCATATGAGCTCAT
 TCAACTGATTCTGAATCATCTTTCACTACCAGACCTGTGTAGATTAGCCAGACTTGAGGCTCCTCCAC
 CAGCATTGCTGTGATCCTCTGCAATATATCCACCTCAACCTGCAGCCATACTGGGCCCGGCTGGACGACA
 CGTCACTGGAGTTCCTACAGGCTCGCTGTGTGCTTGTCCAGTGGCTTAATCTGTCTTGGACTGGCAACAG
 GGGTTTCACTCTGTATCAGGATTTAGCAGGTTTCTAAAGGTGTGTGGTCTGAGTTAGTACGCCTTGAG
 TTATCTGCAGCCACTTCTTAATGACACTTGTGGAGGTTATTTCTGAAATGTGCCAAATCTACAAG
 ACTTAAATCTCTCATCCTGCGATAAACTCCCACTCAGGCTTTTGGCCATATTGCCAAGTATGAGCCT
 CAAGAGGCTTGTCTCTATCGGACAAAAGTAGAGCAAACAGCACTACTGAGCATTTTGAACCTTCTGTGCA
 GAGCTTACGACCTCAGCCTGGGACGCTGTGTGATGATTGAAGATTATGATGTGATAGCCAGCATGATAG
 GAGCCAAGTGTAAAACTGCGGACTTTGGATCTGTGGAGATGCAAGAATATCACCGAGAATGGGATAGC
 AGAGTTGGCTTCTGGCTGTGTTCTTCTTGGAGAACTTGACCTGGCTGGTGGCCACCCTTCCAGAGCAGC
 ACTGGGTGCTTTGCCAGACTGGCAGCCAGCTCCCAAACCTGCAGAACTCTTCTTACAGCTAACAGGT
 CTGTGTGTGACACAGACATAGAAGAACTGGCATCTAATTGTACCAGATTACAGCAACTGGACATATTAGG
 CCTGAAACAGGTTTTCAAACCTGTTAGGATAGTTGCTCCGTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208744 protein sequence
 Red=Cloning site Green=Tags(s)

MNSHRTIVSNSRTPSPLNAEVVQYAKEVDFSSHYGSENSMSYTMWNLAGVNPVFPSSGDFQTQAVFRTYG
 TWWQPCPSASLPFRRTSSFSQSDYVELTFEQVYPTAVHVLETYHPGAVIRILACSANPYSPNPPAEVR
 WEILWSEKPMKVNASQARQFKPCIKQINFPTNLRLEVNSSLDDYYTELDAVVLHGTDKDKPLLSLKTALV
 DMNDLEDDDYEEKDGCMDALNKKFSSAALGDGPHNGYFDKLPYELIQLILNHLSPDLRCLAQTCRLLH
 QHCCDPLQYIHLNLQPYWARLDDTSLEFLQARCVLVQWNLNLSWTGNRGFISVSGFSRFLKVCSELVRL
 LSCSHFLNDTCLEVISMCPNLQDLNLSKDKLPPQAFGHIKLSLKRLLVLRKVEQTALLSILNFCA
 ELQHLSLGSCVMIEDYDIASMIKACKNLRDLWRCKNITENGLAELASGCVLLEELDLGWCPTLQSS
 TGCFARLARQLPNLQKFLTANRSVCDTIEELASNCTRLQQLDILGLKQVFKTVRIVAPL

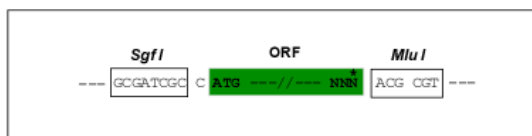
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: BC033265

ORF Size: 1653 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: [BC033265](#), [AAH33265](#)
RefSeq Size: 2620 bp

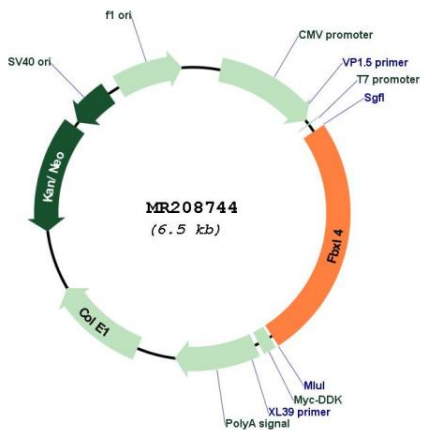
RefSeq ORF: 1655 bp

Locus ID: 269514

Cytogenetics: 4 A3

MW: 62.2 kDa

Product images:



Circular map for MR208744