

## Product datasheet for **MR212686**

### **Fubp3 (NM\_001033389) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fubp3 (NM_001033389) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fubp3
Synonyms:	A330051M14Rik; AV006371; FBP3; Marta2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR212686 representing NM\_001033389  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGAGCTGGTGCAGGGGCAGAGCGCTCCGGTGGGCATGAAGGCTGAGGGCTTTGTGGATGCCCTGC  
 ACCGGGTCGGGCAGATTGCTGCTAAAATCGATTCAATTCCTCACTTGAATAATCCACACCTCTGGTGGA  
 CCCCTCAGTGTACGGATACGGAGTACAGAAGCGGGCCCTGGATGATGGAGTAGGTAACCAGTTAGGGGCC  
 TTGGTACATCAAAGGCGAGTAATAACAGAAGAATCAAAGTGCCTGATAAAATGGTTGGATTATTATTG  
 GCAGGGGAGGTGAGCAGATTTACGAATTAAGCAGAATCTGGGTGCAAAATTCAGATTGCCTCAGAGAG  
 TTCTGGGATTCAGAGAGGCCCTGTGTACTTACCGGAACCCAGAAAGTATTGAACAAGCCAAACGGCTC  
 CTGGGGCAGATCGTGGATCGATGTCGGAATGGCCTGGCTTTCACAACGATATGGATGGCAACAGCACAA  
 TCCAGAACTTCTTATCCCTGCATCTAAAGTGGGGCTGGTTCATCGGCAAGGAGGGGAAACGATCAAGCA  
 GTTGCAGGAGCGAACGGGTGTGAAAATGGTCATGATCCAGGATGGCCCGTGCCTACAGGAGCAGACAAG  
 CCTCTCCGCATCACTGGAGACCCATTTAAAGTACAGCAAGCAAGAGAAATGGTTCTAGAGATTATCCGAG  
 AGAAAGATCAGGCTGACTTCCGGGGTGTGCGCAGCGATTTACCTCCCGAGCAGGCGGAGGTAGTATAGA  
 GGTGTCTGTGCCTAGGTTTGTGTTGGGATTGTATAGGAAGGAACGGAGAAATGATTAAGAAGTCCAG  
 AACGACGCTGGTGTGAGGATCCAATTAACCAGATGACGGGATAGTCCAGAAAGAGCAGCGCAGGTCA  
 TGGGCCCTCCAGATCGGTGTGAGTGCAGCTCGCATCATCAATGAGTCACTTCTCACGGCACAGGAAAG  
 AGAGATCCTTGGTGGCTCACAGTAACAAGAGGAAGAGGGCCGAGGCCGTAGTGACTGGAGTGTGGCACT  
 CCTGGGGCGTCCAGGAAATACGTACACAGTCCAGCTGATAAGTGGCCCTGTGATAGGCAAAAGGGG  
 GCGAGAACATCAAAGCATCAACCAGCAATCAGGTGCCATGTGGAGCTTCAGCGGAACCCCTCTCTAA  
 CACCGACCTAACCTGCGGATATTTACCATCAGGGGTGCTCCTCAGCAGATGGAGGTGGCCAGGCATCTC  
 ATAGATGAGAAAGTTGGCGGTGCCAGCCTCGGAGCCCTGCAGCCTTCGGACAGAGCCCTTCAGCCAGC  
 CACCAGCCGACCCACATCAAACACCTTCTCCAGGGGCTTCCCAACATCGCAGCTAAAGTTAATGG  
 GAATCCCCACAGCACCCCTGTGAGTGGCCCTCCAGCTTTTCTGACCCAAGGCTGGGGCAGCACTTACCAG  
 GCTTGGCAGCAGCTACACAACAAGTCCCAAGCCAGCAGAGTCAAGCCACAGAACAGCCAGCCGACTACA  
 GCAAGGCTGGGAGGACTATTACAAAAGCAGAGTCAATCCACCAGTGTGCCCCACAGGCCAGCTCCCC  
 CCCAGACTACACGATGGCTGGGCTGAGTACTACAGGCAGCAGGCCGCTTCTATGGGCAGACTTTAGGG  
 CAGGCTCAGGCCACAGCCAGGTCTGTAGCCAGTCCCCAGCGCCA

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR212686 representing NM\_001033389  
 Red=Cloning site Green=Tags(s)

MAELVQGSAPVGMKAEGFVDALHRVRQIAAKIDSIPHLNNSTPLVDPSVYGVQKRALDDGVDGNQLGA  
 LVHQRAVITEEFKVPDKMVGFIIGRGGEQISRIQAESGCKIQIASESSGIPERPCVLGTPEISIEQAKRL  
 LGQIVDRCRNGPGFHNDMDGNSTIQELLIPASKVGLVIGKGGETIKQLQERTGVKMMIQQDGLPTGADK  
 PLRITGDPFKVVQQAEMVLEIIREKDQADFRGVRSDFTSRAGGGSIEVSVPRFVGVIGRNGEMIKKIQ  
 NDAGVRIQFKPDDGISPERAAQVMGPPDRCQHAARIINELILTAQEREILGGLTVTRGRGRSDWSVGT  
 PGGVQEITYTVPADKCLVIGKGGENIKSINQQSGAHVELQRNPPNTPNLRIFTIRGAPQQMEVARHL  
 IDEKVGGASLGAPAAFQSPFSQPPAAPHQNTFPPRGFPNIAAKVNGNPHSTPVSPPAFLTQGWGSTYQ  
 AWQQPTQQVPSQSQPQNSQPDYSKAWEDYYKKQSHPTS AAPQASSPPDYTMAWAEYYRQQAIFYGQTLG  
 QAQHSQVCSQSPAP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9085\\_f11.zip](https://cdn.origene.com/chromatograms/mm9085_f11.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001033389

**ORF Size:** 1725 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\\_001033389.4](#), [NP\\_001028561.2](#)

**RefSeq Size:** 3821 bp

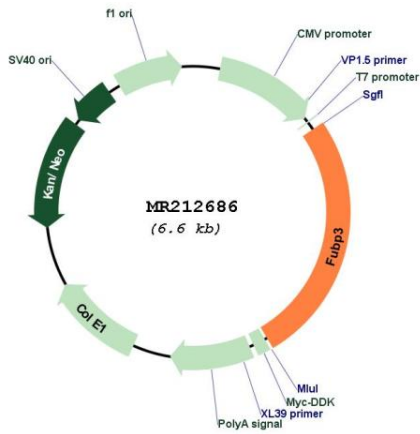
**RefSeq ORF:** 1728 bp

**Locus ID:** 320267

**Cytogenetics:** 2 B

**MW:** 62 kDa

Product images:



Circular map for MR212686