

Product datasheet for **MG212686**

Fubp3 (NM_001033389) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fubp3 (NM_001033389) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fubp3
Synonyms:	A330051M14Rik; AV006371; FBP3; Marta2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG212686 representing NM_001033389
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGAGCTGGTGCAGGGGCAGAGCGCTCCGGTGGGCATGAAGGCTGAGGGCTTTGTGGATGCCCTGC
 ACCGGGTCGGGCAGATTGCTGCTAAAATCGATTCAATTCCTCACTTGAATAATCCACACCTCTGGTGGA
 CCCCTCAGTGTACGGATACGGAGTACAGAAGCGGGCCCTGGATGATGGAGTAGGTAACCAGTTAGGGGCC
 TTGGTACATCAAAGGCAGTAATAACAGAAGAATCAAAGTGCCTGATAAAATGGTTGGATTATTATTG
 GCAGGGGAGGTGAGCAGATTTACGAATTAAGCAGAATCTGGGTGCAAAATTCAGATTGCCTCAGAGAG
 TTCTGGGATTCAGAGAGGCCCTGTGTACTTACCGGAACCCAGAAAGTATTGAACAAGCCAAACGGCTC
 CTGGGGCAGATCGTGGATCGATGTCGGAATGGGCTGGCTTTCACAACGATATGGATGGCAACAGCACAA
 TCCAGAACTTCTTATCCCTGCATCTAAAGTGGGGCTGGTTCATCGGCAAAGGAGGGGAAACGATCAAGCA
 GTTGCAGGAGCGAACGGGTGTAAAATGGTTCATGATCCAGGATGGCCCGCTGCCTACAGGAGCAGACAAG
 CCTCTCCGCATCACTGGAGACCCATTTAAAGTACAGCAAGCAAGAGAAATGGTTCTAGAGATTATCCGAG
 AGAAAGATCAGGCTGACTTCCGGGGTGTGCGCAGCGATTTACCTCCCGAGCAGGCGGAGGTAGTATAGA
 GGTGTCTGTGCCTAGGTTTGTGTTGGGATTGTATAGGAAGGAACGGAGAAATGATTAAGAAGTCCAG
 AACGACGCTGGTGTGAGGATCCAATTCAAACCAGATGACGGGATTAGTCCAGAAAGAGCAGCGCAGGTCA
 TGGGCCCTCCAGATCGGTGTGAGCATGCAGCTCGCATCATCAATGAGTCACTTCTCACGGCACAGGAAAG
 AGAGATCCTTGGTGGCTCACAGTAACAAGAGGAAGAGGGCCGAGGCCGTAGTGACTGGAGTGTGGCACT
 CCTGGGGCGTCCAGGAAATACGTACACAGTCCAGCTGATAAGTGGCCCTTGTGATAGGCAAAGGGG
 GCGAGAACATCAAAGCATCAACCAGCAATCAGGTGCCATGTGGAGCTTCAGCGGAACCCCTCTCTAA
 CACCGACCTAACCTGCGGATATTTACCATCAGGGGTGCTCCTCAGCAGATGGAGGTGGCCAGGCATCTC
 ATAGATGAGAAAGTTGGCGGTGCCAGCCTCGGAGCCCCTGCAGCCTTCGGACAGAGCCCCTTCAGCCAGC
 CACCAGCCGACCCACATCAAACACCTTCTCCAGGGGCTTCCCAACATCGCAGCTAAAGTTAATGG
 GAATCCCCACAGCACCCCTGTGAGTGGCCCTCCAGCTTTTCTGACCCAAGGCTGGGGCAGCACTTACCAG
 GCTTGGCAGCAGCTACACAACAAGTCCCAAGCCAGCAGAGTCAAGCCACAGAACAGCCAGCCGACTACA
 GCAAGGCTGGGAGGACTATTACAAAAGCAGAGTCAATCCACCAGTGTGCCCCACAGGCCAGCTCCCC
 CCCAGACTACACGATGGCTGGGCTGAGTACTACAGGCAGCAGGCCGCTTCTATGGGCAGACTTTAGGG
 CAGGCTCAGGCCACAGCCAGGTCTGTAGCCAGTCCCCAGCGCCA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG212686 representing NM_001033389
 Red=Cloning site Green=Tags(s)

MAELVQGSAPVGMKAEGFVDALHRVRQIAAKIDSIPHLNNSSTPLVDPSVYGYGVQKRALDDGVGNQLGA
 LVHQRAVITEEFKVPDKMVGFIIGRGGEQISRIQAESGCKIQIASESSGIPERPCVLTGTPESIEQAKRL
 LGQIVDRCRNPGFHNMDGNSTIQELLIPASKVGLVIGKGETIKQLQERTGVKMMIQDGPLPTGADK
 PLRITGDPFKVQQAREMVLEIIREKDQADFRGVRSDFTSRAGGGSIEVSVPRFVGVIGRNGEMIKKIQ
 NDAGVRIQFKPDDGISPERAAQVMGPPDRQCQAARIINELILTAQEREILGGLTVTRGRGRGRSDWSVGT
 PGGVQEITYTVPADKCGLVIGKGENIKSINQQSGAHVELQRNPPNTPDNLRIFTIRGAPQQMEVARHL
 IDEKVGGASLGAPAAFQSPFSQPPAAPHQNTFPPRGFPNIAAKVNGNPHSTPVSGPPAFLTQGWGSTYQ
 AWQQPTQQVPSQQSQPQNSQPDYSKAWEDYYKKQSHPTS AAPQASPPDYTMAWAEYYRQAAAFYQQTGLG
 QAQHSQVCSQSPAP

TRTRPLE – GFP Tag – V

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](#)

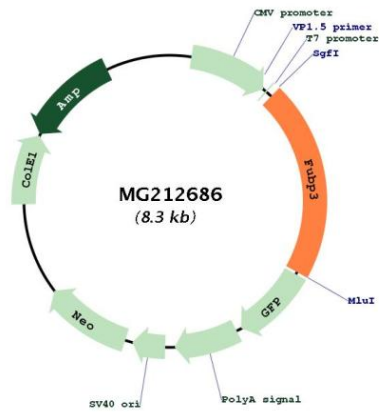
RefSeq Size: 3740 bp

RefSeq ORF: 1728 bp

Locus ID: 320267

Cytogenetics: 2 B

Product images:



Circular map for MG212686