

Product datasheet for **MR230544**

Fubp3 (NM_001290548) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fubp3 (NM_001290548) 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:

>MR230544 representing NM_001290548
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGAGCTGGTGCAGGGGCAGAGCGCTCCGGTGGGCATGAAGGCTGAGGGCTTTGTGGATGCCCTGC
 ACCGGGTCGGCAGATTGCTGCTAAAATCGATTCAATTCCTCACTTGAATAATCCACACCTCTGGTGGA
 CCCCTCAGTGTACGGATACGGAGTACAGAAGCGGGCCCTGGATGATGGAGTAGGTAACCAGTTAGGGGCC
 TTGGTACATCAAAGGCGAGTAATAACAGAAGAATCAAAGTGCCTGATAAAATGGTTGGATTATTATTG
 GCAGGGGAGGTGAGCAGATTTACGAATTAAGCAGAATCTGGGTGCAAAATTCAGATTGCCTCAGAGAG
 TTCTGGGATTCAGAGAGGCCCTGTGTACTTACCGGAACCCAGAAAGTATTGAACAAGCCAAACGGCTC
 CTGGGGCAGATCGTGGATCGATGTCGGAATGGCCTGGCTTTCACAACGATATGGATGGCAACAGCACAA
 TCCAGAACTTCTTATCCCTGCATCTAAAGTGGGGCTGGTTCATCGGCAAGGAGGGGAAACGATCAAGCA
 GTTGCAGGAGCGAACGGGTGTGAAAATGGTCATGATCCAGGATGGCCCGTGCCTACAGGAGCAGACAAG
 CCTCTCCGCATCACTGGAGACCCATTTAAAGTACAGCAAGCAAGAGAAATGGTTCTAGAGATTATCCGAG
 AGAAAGATCAGGCTGACTTCCGGGGTGTGCGCAGCGATTTACCTCCCGAGCAGGCGGAGGTAGTATAGA
 GGTGTCTGTGCCTAGGTTTGTGTTGGGATTGTATAGGAAGGAACGGAGAAATGATTAAGAAGTCCAG
 AACGACGCTGGTGTGAGGATCCAATTCAAACCAGATGACGGGATAGTCCAGAAAGAGCAGCGCAGGTCA
 TGGGCCCTCCAGATCGGTGTGAGCATGCAGCTCGCATCATCAATGAGTCACTTCTCACGGCACAGGAAAG
 AGAGATCCTTGGTGGCTCACAGTAACAAGAGGAAGAGGCCGAGGCCGTAGTGACTGGAGTGTGGCACT
 CCTGGGGCGTCCAGGAAATACGTACACAGTCCAGCTGATAAGTGGCCCTTGTGATAGGCAAAAGGGG
 GCGAGAACATCAAAGCATCAACCAGCAATCAGGTGCCATGTGGAGCTTCAGCGGAACCCCTCTCTAA
 CACCGACCTAACCTGCGGATATTTACCATCAGGGGTGCTCCTCAGCAGATGGAGGTGGCCAGGCATCTC
 ATAGATGAGAAAGTTGGCGGTGCCAGCCTCGGAGCCCTGCAGCCTTCGGACAGAGCCCTTCAGCCAGC
 CACCAGCCGACCCACATCAAACACCTTCTCCAGGGGCTTCCCAACATCGCAGCTAAAGTTAATGG
 GAATCCCCACAGCACCCCTGTGAGTGGCCCTCCAGCTTTTCTGACCCAAGGCTGGGGCAGCACTTACCAG
 GCTTGGCAGCAGCTACACAACAAGTCCCAAGCCAGCAGAGTCAAGCCACAGAACAGCCAGCCGACTACA
 GCAAGGCTGGGAGGACTATTACAAAAGCAGAGTCAATCCACCAGTGTGCCCCACAGGCCAGCTCCCC
 CCCAGACTACACGATGGCTGGGCTGAGTACTACAGGCAGCAGGCCGCTTCTATGGGCAGACTTTAGGG
 CAGGCTCAGGCCACAGCCAGGAGCAG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230544 representing NM_001290548
 Red=Cloning site Green=Tags(s)

MAELVQGSAPVGMKAEGFVDALHRVRQIAAKIDSIPHLNNSTPLVDPSVYGVQKRALDDGVGNQLGAL
 LVHQRAVITEEFKVPDKMVGFIIGRGGEQISRIQAESGCKIQIASESSGIPERPCVLTGTPESIEQAKRL
 LGQIVDRCRNGPGFHNDMDGNSTIQELLIPASKVGLVIGKGGETIKQLQERTGVKMVMIQDGPLPTGADK
 PLRITGDPFKVQQAREMVLEIIREKDQADFRGVRSDFTSRAGGGSIEVSVPRFVVGIVIGRNGEMIKKIQ
 NDAGVRIQFKPDDGISPERAAQVMGPPDRCQHAARIINELILTAQEREILGGLTVTRGRGRGRSDWSVGT
 PGGVQEITYTVPADKCLVIGKGGENIKSINQQSGAHVELQRNPPNTPNLRIFTIRGAPQQMEVARHL
 IDEKVGGASLGAPAAFQSPFSQPPAAPHQNTFPPRGFPNIAAKVNGNPHSTPVSPPAFLTQGWGSTYQ
 AWQQPTQQVPSQQSQPQNSQPDYSKAWEDYYKKQSHPTS AAPQASPPDYTMAWAEYYRQQAIFYGQTLG
 QQAHSQEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001290548

ORF Size: 1707 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_001290548.1](#), [NP_001277477.1](#)

RefSeq Size: 3268 bp

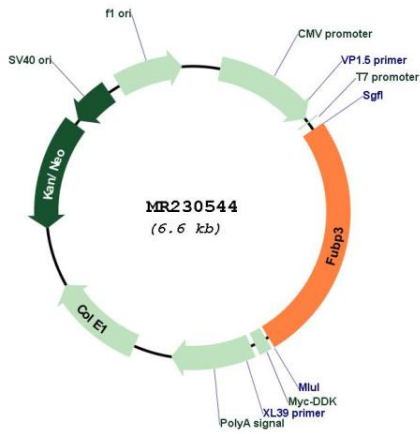
RefSeq ORF: 1710 bp

Locus ID: 320267

Cytogenetics: 2 B

MW: 61.9 kDa

Product images:



Circular map for MR230544