

Product datasheet for **MR217380**

Fubp1 (NM_057172) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fubp1 (NM_057172) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fubp1
Synonyms:	9530027K12Rik; D3Ertd330e; FBP; Fubp; Fubp4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR217380 representing NM_057172
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGACTACTCCACAGTGCCTCCGCCGTCGTCTGGCTCGGCTGGCGCGGCCGGCGGGAGTCTGTTA
 ACGACGCTTTCAAAGATGCCCTGCAGAGAGCGCGCAGATTGCAGCAAAAATTGGGGTGATGCTGGTAC
 ATCATTGAATTCAAATGACTATGGTTATGGGGACAAAAAAGACCCTTAGAAGATGGAGATCAGCCAGAT
 GCTAAGAAAGTACCTCCCCAAAATGACTCTTTGGAGCACAGTTACCTCCAATGCATCAGCAGCAAAGAT
 CTGTAATGACAGAAGAATACAAAGTCCCAGATGGGATGGTCGGATTTATAATTGGCAGAGGAGGTGAACA
 GATCTCACGAATACAGCAGGAATCTGGATGCAAGATACAGATAGCACCTGATAGTGGTGGCTACCAGAA
 AGGTCTTGATGCTAACTGGAACACCTGAATCTGTCCAATCAGCAAAAAGATTATTGGACCAGATTGTTG
 AAAAGGGAAGACCAGCCCCTGGCTTTCATCATGGTGATGGACCTGAAAATGCAGTTCAGGAAATCATGAT
 TCCAGCCAGCAAAGCAGGACTAGTTATTGGAAAGGGGGCGAGACTATTAACAACCTTCAGGAACGGGCT
 GGTGTTAAAATGGTAATGATTCAAGATGGGCCTAAAACACTGGTGCTGATAAACCTCTTAGGATTACGG
 GTGACCCATACAAAGTTCAGCAAGCCAAGGAAATGGTATTAGAGTTAATTCGTGATCAAGGTGGTTTCAG
 AGAAGTGCCGAATGAGTATGGCTCAAGAATAGGAGGCAATGAAGGGATAGATGTCCCAATCCAAGATTT
 GCTGTTGGCATTGTAATAGGAAGAAATGGAGAAATGATTAACAAAATACAAAATGATGCTGGTGTTCGAA
 TTCAGTTAAGCCAGATGATGGAACAACACCTGATAGGATAGCACAGATAACAGGACCTCCAGACAGGTG
 TCAGCACGCTGCAGAAATAATCACAGACCTTCTACGAAGTGTTCAGGCTGGCAATCCTGGTGGACCGGGA
 CCTGGTGGTCGAGGACGAGGTAGAGGTCAAGGAACTGGAATATGGGGCCCCGGGTGGACTCCAGGAGT
 TTAATTTTCATTGTGCCAACTGGGAAAACCTGGACTGATCATTGAAAAGGAGGTGAAACCAAAAAAGCAT
 AAGCCAACAGTCTGGTGCAAGAATAGAAGTGCAGAGAAGCCCTCCACCTAATGCAGATCCCAATATGAAG
 TTATTTACAATTCGGGGCACTCCACAGCAAATAGACTATGCTCGACAACCTCATAGAAGAGAAGATTGGGG
 GCCCAGTAAATCCTTTAGGGCCACCTGTACCCCATGGGCCCATGGGGTTCAGGTCTCATGGGCTCC
 TGGACCTCCAGGGCCGGAACTCCAATGGGACCATACAACCTGCACCTTACAATCCAGGACCACCTGGC
 CCAGCTCCTCACGGTCTCCAGCCCATATGCTCCCCAGGGATGGGAAATGCGTATCCACATTGGCAGC
 AACAGGCTCCTCCTGACCAGCCAAGGCAGGAGCAGATCCAAACTCGGCAGCTTGGGCTGCTTATTATGC
 TCACTATTACCAGCAGCAGGCACAACCCCCACCTGCAGCTCCTGCCGGTGCACCAGCTACAACCCAAACG
 AACGGACAAGGTAACACGGAGATCAGCAGGCTCCAGCTCCAGCTGGACAGGTTGATTATACAAAGGCTT
 GGGAGAATACTACAAGAAAATGGGTCAAGCAGTTCCTGCTCCTGCTGGGGCCCCACCAGGTGGTCAGCC
 GGATTATAGTGCAGCCTGGGCTGAGTACTATAGACAGCAAGCAGCGTATTATGCCAGACAGTCCCCAG
 GGGATGCCGACGATCCTCCAGCACCTCAGGGCCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR217380 representing NM_057172
Red=Cloning site Green=Tags(s)

MADYSTVPPPSSGSAGGGGGVVNDAFKDALQRARQIAAKIGGDAGTSLNSNDYGYGGQKRPLEDGDQPD
 AKKVPPQNSFQAQLPPMHQQRSVMTEEYKVPDGMVGFIIIGRGGEQISRIQQESGCKIQIAPDSGGLPE
 RSCMLTGTPESVQSAKRLLDQIVEKGRPAPGFHHGDGPGNAVQEIMIPASKAGLVIGKGGETIKLQERA
 GVKMVMIQDGPQNTGADKPLRITGDPYKVVQAKEMVLELIRDQGGFREVRENEYGSRIGGNEGIDVPIPRF
 AVGIVIGRNGEMIKKIQNDAGVRIQFKPDDGTTDPDRIAQITGPPDRCQHAAEIIITDLLRSVQAGNPGGPG
 PGGRRGRGQGNWNMGPPGGLQEFNFIVPTGKTGLIIGKGGETIKSISQQSGARIELQRSPPNADPNMK
 LFTIRGTPQQIDYARQLIEEKIGGPVNPLGPPVPHGPHGVPVPHGPPGPPGPTMPGPNPAPYNGPPG
 PAPHGPPAPYAPQGWGNAYPHWQQAPPDPAKAGADPNAAWAAAYAHYYQQQAQPPAAPAGAPATTQT
 NGQGNYGQQAPAPAGQVDYTKAWEEYKMGQAVPAPAGAPGGQPDYSAAWAEYRQQAAYYAQTSPQ
 GMPQHPPAPQGG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_057172

ORF Size: 1926 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_057172.4](#)

RefSeq Size: 6491 bp

RefSeq ORF: 1929 bp

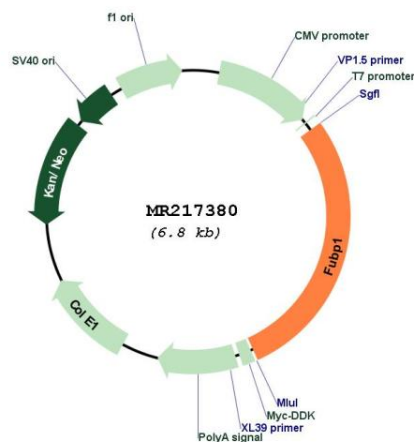
Locus ID: 51886

Cytogenetics: 3 77.05 cM

MW: 67.9 kDa

Gene Summary: Regulates MYC expression by binding to a single-stranded far-upstream element (FUSE) upstream of the MYC promoter. May act both as activator and repressor of transcription (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR217380