

Product datasheet for **MR209689**

Fubp1 (BC023780) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fubp1 (BC023780) 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:

>MR209689 representing BC023780
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGACTACTCCACAGTGCCTCCGCCGTCGTCTGGCTCGGCTGGCGCGCGCGCGCGGAGTCGTTA
 ACGACGCTTTCAAAGATGCCCTGCAGAGCGCGGCAGATTGCAGCAAAAATTGGGGGTGATGCTGGTAC
 ATCATTGAATTCAAATGACTATGGTTATGGGGGACAAAAAGACCCTTAGAAGATGGAGATCAGCCAGAT
 GCTAAGAAAGTACCTCCCCAAAATGACTCTTTGGAGCACAGTTACCTCCAATGCATCAGCAGCAAAGCA
 GATCTGTAATGACAGAAGAATACAAAGTCCCAGATGGGATGGTCGGATTATAATTGGCAGAGGAGGTGA
 ACAGATCTCACGAATACAGCAGGAATCTGGATGCAAGATACAGATAGCACCTGATAGTGGTGGCCTACCA
 GAAAGGTCTTGTAAGTAACTGGAACACCTGAATCTGTCCAATCAGCAAAAAGATTATTGGACCAGATTG
 TTGAAAAGGGAAGACCAGCCCCGGCTTTCATCATGGTGTGGACCTGGAATGCAGTTCAGGAAATCAT
 GATTCCAGCCAGCAAAGCAGGACTAGTTATTGAAAGGGGGCGAGACTATTAACAACCTCAGGAAACGG
 GCTGGTGTAAAAATGGTAAATGATTCAAGATGGGCCTCAAAACACTGGTGTGATAAACCTCTTAGGATTA
 CGGGTGACCCATACAAAGTTCAGCAAGCCAAGGAAATGGTATTAGAGTTAATTCGTGATCAAGGTGGTTT
 CAGAGAAGTGGGAATGAGTATGGCTCAAGAATAGGAGGCAATGAAGGGATAGATGTCCCAATTCGAAGA
 TTTGCTGTTGGCATTGTAATAGGAAGAAATGGAGAAATGATTAACAAAATACAAAATGATGCTGGTGTTC
 GAATTCAGTTTAAAGCCAGATGATGGAACAACACCTGATAGGATAGCACAGATAACAGGACCTCCAGACAG
 GTGTCAGCACGCTGCAGAAATAACACAGACCTTCTACGAAGTGTTCAGGCTGGCAATCCTGGTGGACCG
 GGACCTGGTGGTCGAGGACGAGGTAGAGGTCAAGGAACTGGAATATGGGGCCCCGGGTGGACTCCAGG
 AGTTTAATTTTATTGTGCAACTGGGAAAACCTGGACTGATCATTGGAAAAGGAGGTGAAACCATAAAAAAG
 CATAAGCCAACAGTCTGGTGAAGAATAGAAGTGCAGAGAAGCCCTCCACCTAATGCAGATCCCAATATG
 AAGTTATTTACAATTCGGGGCACTCCACAGCAAAATAGACTATGCTCGACAACCTATAGAAGAGAAGATTG
 GGGGCCAGTAAATCCTTTAGGGCCACCTGTACCCCATGGGCCCATGGGGTTCCAGGTCCTCATGGGCC
 TCCTGGACCTCCAGGGCCGGAACTCCAATGGGACCATAACAACCTGCACCTTACAATCCAGGACCACCT
 GGCCAGCTCCTCAGGTCCTCCAGCCCCATATGCTCCCAGGGATGGGGAAATGCGTATCCACATTGGC
 AGCAACAGGCTCCTCCTGACCCAGCCAAGGCAGGAGCAGATCCAAACTCGGCAGCTTGGGCTGCTTATTA
 TGCTCACTATTACCAGCAGCAGGACACAACCCACCTGCAGCTCCTGCCGGTGCACCAGCTACAACCCAA
 ACGAACGGACAAGGAGATCAGCAGGCTCCAGCTCCAGCTGGACAGGTTGATTATACAAGGCTTGGGAAG
 AATACTACAAGAAAATGGGTCAAGCAGTTCTGCTCCTGCTGGGGCCCCACCAGGTGGTCAGCCGGATTA
 TAGTGACGCTGGGCTGAGTACTATAGACAGCAAGCAGCGTATTATGCCAGACAAGTCCCAGGGGATG
 CCGCAGCATCCTCCAGCACCTCAGGGCCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209689 representing BC023780
Red=Cloning site Green=Tags(s)

MADYSTVPPSSGSAGGGGGVVNDAFKDALQRARQIAAKIGGDAGTSLNSNDYGYGGQKRPLEDGDQPD
 AKKVPPQNDSFQAQLPPMHQQRSVMTEEYKVPDGMVGFIIIGRGEQISRIQQESGCKIQIAPDSGLP
 ERSCLMLTGTPESVQSAKRLLDQIVEKGRPAPGFHHGDGPGNAVQEIMIPASKAGLVIGKGETIKQLQER
 AGVKMVMIQDGPQNTGADKPLRITGDPYKQQAKEMVLELIRDQGGFREVRNEYGSRIGGNEGIDVPIPR
 FAVGIVIGRNGEMIKKIQNDAQVRIQFKPDDGTPDRIAQITGPPDRCQHAAEIIITDLLRSVQAGNPGGP
 GPGGRGRGRGQGNWNMGPPGGLQEFNFIVPTGKTGLIIGKGETIKSISQQSGARIELQRSPPPNADPNM
 KLFTIRGTPQQIDYARQLIEEKIGGPVNPLGPPVPHGPHGVPGHGPPGPPGPTMPGPNPAPYNGPP
 GPAPHGPPAPYAPQGWGNAYPHWQQAPPDPAKAGADPNAAWAAYYAHYYQQQAQPPPAAPAGAPATTQ
 TNGQGDQAPAPAGQVDYTKAWEEYKKMGQAVPAPAGAPGGQPDYSAAWAEYRQQAAYYAQTSPQGM
 PQHPPAPQGG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: BC023780

ORF Size: 1920 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: [BC023780.1](#)

RefSeq Size: 2425 bp

RefSeq ORF: 1922 bp

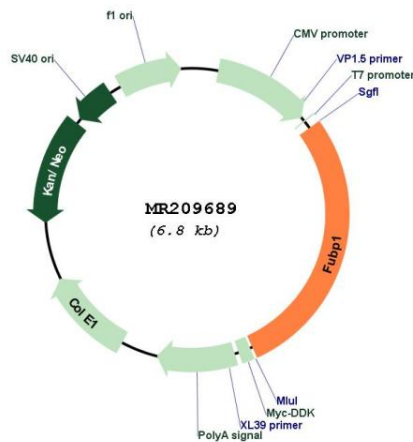
Locus ID: 51886

Cytogenetics: 3 77.05 cM

MW: 88.9 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 MR209689