

Product datasheet for **RN212931**

Fubp1 (NM_001037653) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fubp1 (NM_001037653) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fubp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212931 representing NM_001037653
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGACTACTCAACAGTACCTCCGCCGTCTTCTGGCTCAGCTGGCGCGGCCGCGCGGAGGAGTTA
 ATGATGCTTTCAAAGATGCCCTGCAGAGCGCGGCAGATTGCAGCAAAAATTGGGGGTGATGCTGGTAC
 ATCATTGAATTCAAATGACTATGGTTATGGGGACAAAAGAGACCCTTAGAAGATGGAGATCAACCAGAT
 GCTAAGAAAGTACCTCCCCAAAATGATTCTTTGGAGCACAGTTACCTCCAATGCATCAGCAACAAAGAT
 CTGTAATGACAGAAGAATACAAAGTTCCAGATGGAATGGTTGGATTTATAATTGGCAGAGGAGGTGAACA
 GATCTCACGCATACAGCAGGAATCTGGATGCAAAATACAGATAGCTCCTGATAGTGGTGGCCTCCAGAA
 AGGTCTTGATGCTAACGGGAACGCCTGAATCTGTTCAATCAGCAAAAAGATTATTGGACCAGATCGTTG
 AAAAGGGAAGACCAGCCCTGGCTTTCATCATGGTGATGGACCTGGCAATGCAGTTCAGGAAATCATGAT
 TCCAGCCAGCAAAGCAGGACTAGTTATCGGAAAGGGAGGAGACTATCAAACAACCTTCAGGAAAGGGCT
 GGTGTTAAAATGGTTATGATTCAAGATGGGCCTCAAACACTGGTGCTGATAAACCTCTTAGGATTACGG
 GTGACCCATACAAAGTTCAGCAAGCCAAGGAAATGGTATTAGAATTAATTCGCGATCAAGGTGGTTTCAG
 AGAAGTGCCGAATGAGTATGGCTCCAGAATAGGAGGAAATGAAGGGATAGATGTCCCAATCCAAGATTT
 GCTGTTGGCATTGTAATAGGAAGAAATGGAGAAATGATTAATAAATAACAAAATGATGCTGGTGTTCGAA
 TTCAGTTAAGCCAGATGATGGAACAACACCTGATAGAATAGCACAGATAACAGGACCTCCAGACAGATG
 TCAGCATGCTGCAGAAATATCACAGACCTTCTACGAAGTGTTCAGGCTGGCAATCCTGGTGGACCTGGA
 CCTGGTGGTTCGAGGACGAGGTCGAGGTCAGGAACTGGAATATGGGACCTCCTGGTGGACTTCAGGAAT
 TTAATTTTCATTGTGCCAACTGGGAAAACCTGGATTGATAATTGGAAAAGGAGGAGAAACAATAAAAAGCAT
 AAGCCAGCAGTCCGGTGCAAGAATAGAACTTCAGAGAAAACCTCCACCTAATGCAGATCCCAATATGAAG
 TTATTTACAATTCGGGGCACTCCACAGCAATAGACTATGCTCGACAACCTCATAGAAGAGAAGATTGGGG
 GCCCAGTAAATCCTTTAGGGCCACCAGTACCCCATGGACCTCATGGGGTTCAGGTCTCATGGGCCTCC
 TGGACCTCCAGGGCCTGGAACCTCAATGGGGCCATACAACCTGCACCTTATAATCCAGGACCTCCTGGC
 CCAGCTCCTCATGGTCTCCAGCCCATATGCTCCCCAGGGATGGGGAAATGCATATCCACATTGGCAGC
 AGCAGGCTCCTCCTGACCAGCTAAGGCAGGAACGGATCCAAACTCGGCAGCTTGGGCTGCCTATTATGC
 CCACTATTACCAGCAGCAGGCACAGCCCCGCCTGCAGCTCCTGCTGGAGACCAACCACAACCCAGACT
 AATGGACAAGGAGATCAGCAGAATCCAGCTCCAGCTGGACAAGTTGATTATACAAAGGCTTGGGAAGAGT
 ACTACAAGAAAATGGGTCAAGCAGTTCCCTGCTCCTGCTGGGGCCCCACCGGTGGTCAGCCAGATTACAG
 TGCAGCCTGGGCTGAATACTATAGACAGCAAGCAGCATACTATGCCAGACCAGTCCCCAGGGAATGCC
 CAGCATCCGCCAGCACCTCAGGGCCAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001037653
- Insert Size:** 1920 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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_001037653.1](#), [NP_001032742.1](#)

RefSeq Size: 2380 bp

RefSeq ORF: 1920 bp

Locus ID: 654496

UniProt ID: [Q32PX7](#)

Cytogenetics: 2q45

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]