

Product datasheet for **RG215402**

FUBP3 (NM_003934) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FUBP3 (NM_003934) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FUBP3
Synonyms:	FBP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG215402 representing NM_003934
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGAGCTGGTGCAGGGGCAGAGCGCTCCTGTGGGATGAAGCCGAGGGCTTCGTGGATGCCCTGC
 ACCGGGTCGGCAGATTGCTGCTAAAATTGATTCAATTCCTCACTTGAATAATTCCACACCTCTAGTGGA
 CCCCTCAGTATATGGATACGGAGTACAAAAACGGCCCTTGGATGATGGAGTAGGTAACCAGTTAGGGGCC
 TTGGTACATCAAAGGACGGTAATAACGGAAGAATCAAAGTGCCTGACAAAATGGTTGGATTATTATCG
 GCAGGGGAGGTGAGCAGATTTACGGATTCAAGCAGAATCTGGTTGCAAAATTCAGATTGCTTCAGAGAG
 TTCTGGGATTCCAGAGAGGCCCTGTGTACTTACCGAACCCAGAAAATTGAACAAGCCAAACGGCTC
 CTGGGACAGATTGTGGACCGCTGTCGAAATGGACCTGGCTTTATAATGACATAGACAGCAACAGCACAA
 TCCAGGAGATTCTATTCCGCATCTAAAGTGGTCTGGTTCATCGGCAGAGGAGGGGAAACAATCAAGCA
 GTTGCAGGAGCGGACAGGGGTGAAGATGGTTCATGATCCAGGATGGCCATTGCCACGGGAGCAGACAAG
 CCTCTTCGTATCACTGGAGATGCATTTAAAGTACAGCAAGCAAGAAATGGTACTAGAGATTATCCGAG
 AAAAAGACCAAGCTGACTTTTCGGGGTGTACGCGCGGATTTCAACTCTCGAATGGGAGGAGGCAGTATAGA
 GGTATCTGTGCCTAGGTTTGTGTGGGATTGTAATAGGAAGAAACGGGGAAATGATCAAAAAGATCCAG
 AATGATGCTGGTGTGAGGATTAGTTTAAACCAGATGATGGGATTAGTCCAGAAAGAGCTGCCCAGGTCA
 TGGGCCCTCCGGATCGGTGTGAGCATGCAGCGCATATCATCAGCGAGCTGATTCTTACAGCCAGGAAAG
 AGACGGCTTTGGAGGCCGTCAGCAGCCAGAGGAAGAGGTCGTGGCCGTGGCGACTGGAGCGTGGGAGCC
 CCTGGTGGCGTCCAGGAGATAACATACACGGTCCAGCCGATAAGTGTGGCTCGTCATAGGCAAAAGGGG
 GTGAGAACATCAAAGCATCAACCAGCAGTCCAGGGCGCACGTGGAGCTTCAGAGGAACCCCTCCCAA
 CAGCGACCCCAACCTGCGGAGATTACCATCAGGGGGTTCCCCAGCAGATCGAGGTGGCCAGGCAGCTC
 ATAGATGAGAAAGTTGGCGGGACCAATCTCGGAGCACCTGGAGCCTTCGGACAGAGTCCATTACAGCCAGC
 CACCTGCCCCACCTCATCAAAATACCTTCTCCAAGGAGCTCCGGGTGCTTCCCAAACATGGTGCCAA
 GGTGAATGGGAACCCCCACAGCACCCCTGTGAGTGGTCTCCGGCCTTTCTGACCAGGGCTGGGGCAGC
 ACCTACCAGGCGTGGCAGCAGCCACACAGCAGGTCCCAAGCCAGCAGAGCCAGCCGAGCAGCCAGC
 CCAACTACAGCAAGGCCTGGGAAGACTATTACAAAAACAGAGTACGCCGCCAGCGCTGCTCCTCAGGC
 CAGCTCCCAACCGACTACACAATGGCCTGGGCAGAATATTACAGACAGCAGGTTCGCTTTCTACGGACAG
 ACGTTAGGGCAGGCGCAGGCCACAGCCAGGAGCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG215402 representing NM_003934
 Red=Cloning site Green=Tags(s)

MAELVQGSAPVGMKAEGFVDALHRVRQIAAKIDSIPHLNNSTPLVDPSVYGYGVQKRPLDDGVGNQLGA
 LVHQRTVITEEFKVPDKMVGFIIGRGGEQISRIQAESGCKIQIASESSGIPERPCVLGTGPESIEQAKRL
 LGQIVDRCRNGPGFHNDIDSNSTIQEILIPASKVGLVIGRGGETIKQLQERTGVKMMIQDGPLPTGADK
 PLRITGDAFKVQQAREMVLEIIREKDQADFRGVRGDFNSRMGGGSIEVSVPRFAVGIVIGRNGEMIKKIQ
 NDAGVRIQFKPDDGISPERAAQVMGPPDRQCQAAHIISELILTAQERDGFGLAAARGRGRGRGDWSVGA
 PGGVQEITYTVPADKCGLVIGKGGENIKSINQQSGAHVELQRNPPNSDPNLRFTIRGVPQQIEVARQL
 IDEKVGGTNLGAAGAFGQSPFSQPPAPPHQNTFPPRSSGCFPNMAAKVNGNPHSTPVSPPAFLTQGWGS
 TYQAWQQPTQVPSQQSQPSSQPNYSKAWEDYKQSHAASAAPQASSPPDYTMAWAEYYRQVAFYQG
 TLGQAQHSSEQ

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_003934

ORF Size: 1716 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_003934.2](#)

RefSeq Size: 3175 bp

RefSeq ORF: 1719 bp

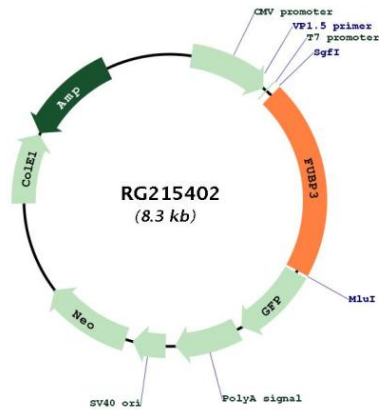
Locus ID: 8939

UniProt ID: [Q96I24](#)

Cytogenetics: 9q34.11-q34.12

Gene Summary: May interact with single-stranded DNA from the far-upstream element (FUSE). May activate gene expression.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG215402