

## Product datasheet for **SC210545**

### FUBP1 (NM\_003902) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	FUBP1 (NM_003902) Human 3' UTR Clone
Symbol:	FUBP1
Synonyms:	FBP; FUBP; hDH V
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003902
Insert Size:	886 bp
Insert Sequence:	>SC210545 3' UTR clone of NM_003902 The sequence shown below is from the reference sequence of NM_003902. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Red</b> =Cloning site <b>Blue</b> =Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

AATGCCACAGCATCCTCCAGCACCTCAGGGCCA**TA**AAGAAGTGGACAATACAGTATTTGCTTCATTG  
TGTGGGGGAAAAAACCTTTGTAAATATATGGATGCAGACGACTTGATGAAGATCTTAATTTTGT  
GGTTTAAATAGTGTTCCTTTTTTTTTTTTTTTTGGAAATGTACAAAATATCTATCACTACTGATAG  
GAGGTTAATATTTCTGTGTAGAAATGAAATTGGTTTGTATTTAGTATTTAGTGTAGATGTACACATTCC  
AGCAAATGATTTGCAATTATGTGGTTGATGCTTTGTGATATAAATGTACTTTTTCAATGTATACTTTCA  
CTTTTAAATGCCTGTTTGTGCTTTACAATAAATGATATGAAACCTCCTGTGTCGGTAAGTTGGATATG  
TGGGTATTTAAAGGATTCATAATTTCTAGCAATGATAAATTAAGATACATATACACAAATATAAGCT  
TTCCCATGAAATATTGAGTTTTAAACACTGGCATGTTTTCCCCCTTGCAGTATAGTGGTAGATTGG  
AGGATCTTTCCATTTATTGTATTGGCTCTTTCAGCACAAAGTAATCCTGATATCTTCATTTTTTTTCTT  
CTGTTTGATTAATAAAGTGCATGTGTGTACAATGATCTTTTGGCATACTCCATTGCATTAACAGTGAAAT  
TTCCTTTTATACATGACCACTGTTTCAGACCTGTACTGCTATAACAGTTAACCTTTCTGTTCTTAAT  
TTGATAATACTTGATTTCCAAGACTGTTTCGGCATAACTAATTTTAAACAGTTTTTCAGATAGTGAATATG  
AGTAGTCTAATAAGAACAGTTTTTTTCCATGTGAAGCAACTCTTTC

**ACGCGT**AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: Sgfl-Mlul



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_003902.3</a>
<b>Summary:</b>	The protein encoded by this gene is a single stranded DNA-binding protein that binds to multiple DNA elements, including the far upstream element (FUSE) located upstream of c-myc. Binding to FUSE occurs on the non-coding strand, and is important to the regulation of c-myc in undifferentiated cells. This protein contains three domains, an amphipathic helix N-terminal domain, a DNA-binding central domain, and a C-terminal transactivation domain that contains three tyrosine-rich motifs. The N-terminal domain is thought to repress the activity of the C-terminal domain. This protein is also thought to bind RNA, and contains 3'-5' helicase activity with in vitro activity on both DNA-DNA and RNA-RNA duplexes. Aberrant expression of this gene has been found in malignant tissues, and this gene is important to neural system and lung development. Binding of this protein to viral RNA is thought to play a role in several viral diseases, including hepatitis C and hand, foot and mouth disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]
<b>Locus ID:</b>	8880