

Product datasheet for **SC337154**

FUBP1 (NM_001303433) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FUBP1 (NM_001303433) Human Untagged Clone
Tag:	Tag Free
Symbol:	FUBP1
Synonyms:	FBP; FUBP; hDH V
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001303433, the custom clone sequence may differ by one or more nucleotides

```

ATGGCAGACTATTCAACAGTGCCTCCCCCTCTTCTGGCTCAGCTGGTGGCGGTGGTGGCGCGGTGGTG
GTGGAGGAGTTAACGACGCTTTCAAAGATGCACTGCAGAGACCCGGCAGATTGCAGCAAAAATTGGAGG
TGATGCAGGGACATCACTGAATTCAAATGACTATGGTTATGGGGGACAAAAAGACCTTTAGAAGATGGA
GATGGCTCTTGGACAAGTCCGAGCAGTACAACACACTGGGAGGGAATGCCCTCTCCTTTAAAGATCAAC
CAGATGCTAAGAAAGTTGCTCCTCAAAATGACTCTTTTGAACACAGTTACCACCGATGCATCAGCAGCA
AAGCAGATCTGTAATGACAGAAGAATACAAAGTCCAGATGGAATGGTTGGATTGATAATTGGCAGAGGA
GGTGAACAGATCTCACGCATACAACAGGAATCTGGATGCAAAAATACAGATAGCTCCTGACAGTGGTGGCC
TTCCAGAAAGGTCTGTATGTTAACTGGAACACCTGAATCTGTCCAGTCAGCAAAACGGTTACTGGACCA
GATTGTTGAAAAAGGAAGACCAGCTCCTGGCTTCCATCATGGCGATGGACCGGAAATGCAGTTCAGAA
ATCATGATCCAGCTAGCAAGGCAGGATTAGTCATTGGAAAAGGGGGAGAACTATTAACAGCTTCAGG
AACGGGCTGGAGTTAAAATGGTTATGATTCAAGACGGGCCGAGAACACTGGTGTGACAAAACCTCTTAG
GATTACAGGAGACCCATATAAAGTTCAACAAGCCAAGGAAATGGTGTAGAGTTAATTCGTGATCAAGGC
GGTTTCAGAGAAGTTCGGAATGAGTATGGGTCAAGAATAGGAGGAAATGAAGGGATAGATGTCCCCATTC
CAAGATTTGCTGTTGGCATTGTAATAGGAAGAAATGGAGAGATGATCAAAAAATACAAAATGATGCTGG
TGTTTCGATTTCAGTTAAGCCAGATGATGGGACAACACCCGAAAGGATAGCACAATAACAGGACCTCCA
GACCGATGTCAACATGCTGCAGAAATTATTACAGACCTTCTTCGAAGTGTTCAGGCTGGTAAATCCTGGT
GACCTGGACCTGGTGGTCGAGGAAGAGGTAGAGGTCAAGGCAACTGGAACATGGGACCACCTGGTGGACT
ACAGGAATTTAATTTTATTGTCCAACCTGGGAAAACCTGGATTAATAATAGGAAAAGGAGGTGAAACCATA
AAAAGCATAAGCCAGCAGTCTGGTGCAAGAATAGAACTTCAGAGAAATCCTCCACCAATGCAGATCCTA
ATATGAAGTTATTTACAATTCGTGGCACTCCACAACAGATAGACTATGCTCGGCAACTCATAGAAGAAA
GATTGGTGGCCAGTAAATCCTTTAGGGCCACCTGTACCCCATGGGCCCATGGTGTCCAGGCCCCAT
GGACCTCCTGGGCTCCAGGGCCTGGAACCTCAATGGGACCATAACAACCTGCACCTTATAATCCTGGAC
CACCAGGCCCGGCTCCTCATGGTCTCCAGCCCCATATGCTCCCCAGGGATGGGGAATGCATATCCACA
CTGGCAGCAGCAGGCTCCTCCTGATCCAGCTAAGGCAGGAACGGATCCAAATTCAGCAGCTTGGGCTGCT
TATTACGCTCACTATTATCAACAGCAAGCACAGCCACCACCAGCAGCCCTGCAGGTGCACCAACTACAA
CTCAAATAATGGACAAGGAGATCAGCAGAATCCAGCCCCAGCTGGACAGGTTGATTATACCAAGGCTTG
GGAAGAGTACTACAAGAAAATGGGTGAGGCAGTTCCTGCTCCGACTGGGGCTCCTCAGGTGGTCAGCCA
GATTATAGTGCAGCCTGGGCTGAGTATTATAGACAACAAGCAGCCTATTATGCCAGACAAGTCCCCAGG
GAATGCCACAGCATCCTCCAGCACCTCAGGGCCAATAA
    
```

Restriction Sites: SgfI-MluI

ACCN: NM_001303433

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:	<ol style="list-style-type: none">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:	<u>NM_001303433.1</u> , <u>NP_001290362.1</u>
RefSeq Size:	2585 bp
RefSeq ORF:	1998 bp
Locus ID:	8880
UniProt ID:	<u>Q96AE4</u>
Cytogenetics:	1p31.1
Protein Families:	Stem cell - Pluripotency, Transcription Factors
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>