

Product datasheet for **SC216045**

DFFB (NM_004402) Human 3' UTR Clone

Product data:

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|---------------|-------------------------------------|
| Product Type: | 3' UTR Clones |
| Product Name: | DFFB (NM_004402) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | DFFB |
| Synonyms: | CAD; CPAN; DFF-40; DFF2; DFF40 |
| ACCN: | NM_004402 |
| Insert Size: | 1718 bp |



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Insert Sequence: >SC216045 3'UTR clone of NM_004402
 The sequence shown below is from the reference sequence of NM_004402. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGGAAGCAGCCTGTGCGGAAACGCCAGTGACACGTACACACCACGTCCTGGTCTTTGTTTGGAGCCTGA
CGTGGGCATCATTTTAAACAGGTGCCTTTTTGTTTTTTGTTTTTCGTTTTTTGGTCACTCCAGTAGC
TCCTGGAAAAACCTTAAAAATGTTTCCTCCAAATCTGATTTTATTACATTTCTGAATTGTTGGGGTT
TTTTTGTGTTTGTGTTTGTAGATGGAGTTTCACTTTTGTGCCCAGGCTGGAGGTAGTGGC
GCGATCTCGGCTCAGCCTCCCGAGTAGCTGGGATTACAGGCATGTGCCACCACGCCCGGCTAATGTTTG
TATTTTTAGTAGAGACGGGGTTTACCATGTTGGTCAGGCTGGTCTCAAACCTCTGACCTCAGGTGATC
CGCCACCTCAGCCTCCCAAAGTCTGGGATGACAGGTGTGAGCCACTGCGCCACGCTGAATCATTTTC
TTATACCTTCTGACAGCCCAACTCCAGAGGACAGCTCTGGGTAAGTCTGTTGGATGTCTGTGAGTACCT
GGTCATACGGGTAGTAGGGATAAGAATTGTCTCTGGGCTGAGGAATTCTTCTGTCTCTGGTTTACC
AGCGTTGGGTTTCTCATGTAATGTGGTACCATACTCAAATGGTGTGATGGCTGAAGTTGGCCACCTT
GCTTGAGGGACAAGTTGTTTATGTATCAGCTCTCTGCTGGGTCTCCCTTCCATGGCAAATGGGAGCT
CCATCCTCTTGACTCTTCAAATGCCAAAAGAGGTGTCATGCTTTGGGGTACGATGTTTATACTCCG
TAAAGAACATAACAAGGACATTCAGTCTGATTTTTTTTTTTGTTTGTGTTGAGACAGGGTCTCACTCTGT
CGCTCAGGCTGGAGTGCAGTGTGCAATCTTGGCTCACTGCAACCTCCGCTCTCAGGTTCAAGTGGTT
CTCCTTCTCAGCCTCCCAAGTAGCTGGGATTACAGGCACCTACCACCAGGGCCAGCTAATTTTTGTAT
GTTTAGTAGAAAACGGGGTTTACCATGTTGGCCAGGCTGTTCTCGAACTCCTGACCTCAGGTGATCTGC
CCGCTCGGTCTCCCAAAGTGTGCGGATTACAGGCATGAGCCACTGCACCTGACCTGCTGAATTGTTTA
TAATGGCAAGAAATAGGAAACCCCAATGTCTGTTGAACAGCTATCACGTTGAACCACGTGAAACTGC
TGTTTTCTAGGCCAAAAATGGTGAAGCAGTATTTATTTTATGATTCAACCTGATACATTTACATAGTGC
AAAAGTGTGTCACAGTTTTCAGGCTTTTATGAGGAAAGCGTTTCTGTGTAGAACTGGAAGCTGTTTCAGG
GCATCGGCAGCTGAACCTGCTCCGTTGGTCAGCGTTACTATCATCTCGGATCATATGGAGCTCATGTC
AGCCGTGTGGGTGGCGGTGCACAGAGACGGTCTGGAAGGAAACACGCGGATCTGAACAGCAGTAATCC
TGGGGGATACGGGGTGGGCTAGATTACAGAGGGCTCATTTTCTACGTCATGATTTTATGATACTTG
AATTTTTGAAATGGGCATTTATTTTATAACATGTTAAAATGTACTTTTTAAATTAAGTCATTTTGTAA
TATTTGAATTTTACATTTGTTGTACAATCAGGAAAAGCAATAAAGATTTTTCAAAAATAGA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: 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).

Components: 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.

RefSeq: [NM_004402.4](#)

Summary:

Apoptosis is a cell death process that removes toxic and/or useless cells during mammalian development. The apoptotic process is accompanied by shrinkage and fragmentation of the cells and nuclei and degradation of the chromosomal DNA into nucleosomal units. DNA fragmentation factor (DFF) is a heterodimeric protein of 40-kD (DFFB) and 45-kD (DFFA) subunits. DFFA is the substrate for caspase-3 and triggers DNA fragmentation during apoptosis. DFF becomes activated when DFFA is cleaved by caspase-3. The cleaved fragments of DFFA dissociate from DFFB, the active component of DFF. DFFB has been found to trigger both DNA fragmentation and chromatin condensation during apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene but the biological validity of some of these variants has not been determined. [provided by RefSeq, Sep 2013]

Locus ID:

1677

MW:

64.2