

Product datasheet for **SC206050**

EIF4EBP1 (NM_004095) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: EIF4EBP1 (NM_004095) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: EIF4EBP1
Synonyms: 4E-BP1; 4EBP1; BP-1; PHAS-I
ACCN: NM_004095
Insert Size: 460 bp
Insert Sequence: >SC206050 3'UTR clone of NM_004095
The sequence shown below is from the reference sequence of NM_004095. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAGAGTCACAGTTTGAGATGGACATTAAAGCACCAGCCATCGTGTGGAGCACTACCAAGGGGCCCT
CAGGGCCTTCTGGGAGGAGTCCCACCAGCCAGGCCTTATGAAAGTGATCATACTGGGCAGCGTTGGC
GTGGGGTCGGACACCCAGCCCTTTCTCCCTCACTCAGGGCACCTGCCCCCTCCTCTCGTGAACACCA
GCAGATACCTCCTGTGCCTCCACTGATGCAGGAGCTGCCACCCCAAGGGGAGTGACCCCTGCCAGCAC
ACCCTGCAGCCAAGGGCCAGGAAGTGGACAAGAACGAACCCTTCTTCCGAATGATCAGCAGTTCACGC
CCCTCGCTGCTGGGGGCGCAACCACCCCTTCTTAGGTTGATGTGCTTGGGAAAGCTCCCTCCCCCTCC
TTCCCAAGAGAGGAAATAAAAGCCACCTTCGCCCTAGGGCCAAGA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_004095.4](#)



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Summary:

This gene encodes one member of a family of translation repressor proteins. The protein directly interacts with eukaryotic translation initiation factor 4E (eIF4E), which is a limiting component of the multisubunit complex that recruits 40S ribosomal subunits to the 5' end of mRNAs. Interaction of this protein with eIF4E inhibits complex assembly and represses translation. This protein is phosphorylated in response to various signals including UV irradiation and insulin signaling, resulting in its dissociation from eIF4E and activation of mRNA translation. [provided by RefSeq, Jul 2008]

Locus ID:

1978

MW:

16.5