

Product datasheet for **SC217334**

EIF4B (NM_001417) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EIF4B (NM_001417) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EIF4B
Synonyms:	EIF-4B; PRO1843
ACCN:	NM_001417
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC217334 3'UTR clone of NM_001417
 The sequence shown below is from the reference sequence of NM_001417. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAAAATGAGGGAGAAGATTATGCCGAATAGACCTCTACATCCTGTGCTTTTCTCCTAGTTTCTCTCCAC
CCTGGAACATTGAGAGCAAATCAAACCTCTATCCAGACAAGACAAAATAAACTACCCATCTCCTGA
AGACCTTTCTTACCTTTTTTAAAAACAAAAAATGAAATTATTTTGCATGCTGCTGCAGCCTTTAAAGT
ATTGAAGTAACTGGAGAATTGCCAATACAGCCAGAGAGAAAGGGACTACAGCTTTTTAGAGGAAAAGTT
GTGGTGCCTTATGTCACCATGCAGTTGCCAGTGTGATTAGTGCCTAGGGGTCTCCATTTAGCAGAAATG
GTAATGACAGTGATATAATGCCTGGAACCTGGTTGGGCAGTAGGGGAGGGAGGTAGAAGGAAAAGTGTG
AGATTTCTACCTTTTAGTTTTTATCCTATTGTGGCATATATGAATTCTCAAACATTATCTGAATAAATT
TTCCACTCTTGGAAAGGTAGATTTAGCCTCAAGTTGTTCTAGTCTCCAGGAGGCTGCCAGCCCTCCTC
TTATTTAATTCTGAGTTTTGGGGCCAGCTAGAGGGAATTCCTTTTTTTTTTAAACCCCCAGGGGG
GTAGTTGGGAGTGAGACTATAGGCCATAAAGAATGGGACTGCATTGGACAAAATAAATGGGAAAATCG
TGGTTTAAAAGAAGCTTTTGGGAAGTGATGAGTCATTTTGCACCAGGTAATAGGGGAAAATTTGTGTGA
CCTCCAGCAAACACATGAATGGTTATTTCTGGAGCCGGAAGCACTTGGGGGTCTGGTAATTTCCAGT
GTTTTCTGTGCTAGTTTTACCCTTTCTAAACTGCCTTTTTGAAAGTTTTGAATATATCCACATT
CTATTGAAACCTTGAACATAAAATTTAGACTCTTATCATCATCTAAGTTCTTCATGCTACTCTTAAC
CTCCAAAAGCAGTATCTAAGTCACATACATGATGCTTGGGCATTTTCTCAGCCATGGAGAAGTCTG
AAAGGAAGAATCGCTGCTTTTCTCAAGCAAATCGGTTTTCTTGATGCTTTTTGGTTCTCCTTGCTGCTC
CTGATGCTTGGACCCCTTTTATTGATCAGAGTGCTCTAGAATAATGGATGGTCTTGGATGATGGATAAA
TAGGGACAGGGACAGTTAAATTGGGAGCCTTTCTTACAACCTTGATGGGATTTTTCCCCCAAGTTTCC
TTCTCCACTGAAATGCCACACTAATGCTTGTGGATTGATGAGGTGGCCAGACCAATGTGTTGTTTTGT
TGTTGTTTTTTAAGCTTCCCTTGGAGAGAATAAATGGTAATGGAGAGAAGTATTTAAACAGGTCCTGGT
TTCTCTTGCAACACAGTAGCTAACTTGCCTGCTTTTATATGCATTTTTGTAGGGATCAGCTTGGTAGA
CAGTATTAGCGGAGAAACACCTTGATCTTGGTTTGAAGCCCTTCTCCATCAGTCTAGATTAGGCC
TGTTCCAGCATGCAGGGGTGTTGGTTTATGCGTGTGCAGCAGTGGGCATAATGAATATAATTTACCA
GTGGACAAAGGTGTGTACCAAGTGAATTTAAATAATTGGTGTGGATTGGCCAGTAGCTAAGAAGTGGGC
TTTTAAAGAGTATTGAAGATTGAAAGGGTTTTTCTTTCTTTTTTAAAAAAGAAAAACAACTATTGATT
GTAGATAATGAAAAGCTAGGGTTTGCCTCTTCTATGTCTACTCTCCTTCCAAATAGTTATATCCAAAAC
TGTTTTCCCTCTCCCCTACCTTGTCCTCCCTATTAATAAGAAAACAGGGATTGATTAATGTCCCGCTC
CTGAATACATGTAATAATTTGTACAAAAATATCTTCTATGAAAAATGATTTGTAATCTGTAGACTTATTAC
CTGGGAGATGCTTGTGTAATAATCCCCTTTGGGTTGTGGGTTTTTTGTTTTCTCAAATAAATC
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
```

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_001417.7](#)

Summary: Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F. [UniProtKB/Swiss-Prot Function]

Locus ID: 1975

MW: 75.8