

Product datasheet for **SC206995**

EIF4A1 (NM_001416) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: EIF4A1 (NM_001416) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: EIF4A1
Synonyms: DDX2A; EIF-4A; eIF-4A-I; EIF4A; eIF4A-I
ACCN: NM_001416
Insert Size: 550 bp
Insert Sequence: >SC206995 3'UTR clone of NM_001416
The sequence shown below is from the reference sequence of NM_001416. 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
ATGCCCCCTCAATGTTGCTGACCTCATCTGAGGGGCTGTCTGCCACCCAGCCCCAGCCAGGGCTCAATC
TCTGGGGGCTGAGGAGCAGCAGGAGGGGGGAGGGGAAGGGATGGACATCTTGTCAATTTTTT
TTCTTTGAATAAAATGTCACTTTTTGAGGCAAAAGAAGGAACCGTGAACATTTTAGACACCCTTTTCTTT
GGGGTAGGCTCTTGCCCCAGGCGCCGGCTCTTCTCCAAAAAAAAAAAAAAAAACCTAATCCATTTCCC
TAACCTAGTAACCTCCAGATCCCAGAGGCTCTCTCACCTCAGCTGAGCTCCTTTGAAAGTGATTCAAG
GGACTATGTCACTCAGCCTCATTTGCTGGACCAATCTGGAGGGAGAACCCTAAAACCCCTAAGTGAG
GTTGCCCAGGGGTTGTCCCAGGTGGGGGAAGCAGGGGAGAGAAAATGGTAGCCATTTTACATTGT
TTTGTATAGTATTTATTGATTGAGGAAACAAACAAAAATTTGAATAAAATGACTTGAAACTGCC
ACGCGTAAGCGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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_001416.4](#)



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Summary: ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome. In the current model of translation initiation, eIF4A unwinds RNA secondary structures in the 5'-UTR of mRNAs which is necessary to allow efficient binding of the small ribosomal subunit, and subsequent scanning for the initiator codon.[UniProtKB/Swiss-Prot Function]

Locus ID: 1973

MW: 19.9