

Product datasheet for **SC206286**

EIF4G1 (NM_198241) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: EIF4G1 (NM_198241) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: EIF4G1
Synonyms: EIF-4G1; EIF4F; EIF4G; EIF4G1; P220; PARK18
ACCN: NM_198241
Insert Size: 475 bp
Insert Sequence: >SC206286 3'UTR clone of NM_198241
The sequence shown below is from the reference sequence of NM_198241. 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  
GAAGCAGAGGAGGAGTCTGACCACAACTGAGGGCTGGTGGGGCCGGGACCTGGAGCCCCATGGACACA  
CAGATGGCCCCGGCTAGCCGCTGGACTGCAGGGGGCGGCAGCAGCGCGGTGGCAGTGGGTGCCTGTA  
GTGTGATGTCTGAACTAATAAAGTGGCTGAAGAGGCAGGATGGCTTGGGGCTGCTGGGCCCCCTC  
CAGGATGCCGCCAGGTGTCCCTCTCCTCCCCCTGGGGCACAGAGATATATTATATATAAAGTCTTGAAA  
TTTGGTGTGTCTTGGGTGGGGAGGGGCACCAACGCCTGCCCTGGGTCTTTTTTTTATTTTCTGAA  
AATCACTCTCGGGACTGCCGTCTCGTGTGGGGCATATGCCCCAGCCCTGTACCACCCTGTGT  
TGCCTGGGCAGGGGAAGGGGGGCACGGTGCCTGTAATTATTAACATGAATTCAATTA  
ACGCGTAAGCGCCCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
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_198241.3](#)



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Summary:

The protein encoded by this gene is a component of the multi-subunit protein complex EIF4F. This complex facilitates the recruitment of mRNA to the ribosome, which is a rate-limiting step during the initiation phase of protein synthesis. The recognition of the mRNA cap and the ATP-dependent unwinding of 5'-terminal secondary structure is catalyzed by factors in this complex. The subunit encoded by this gene is a large scaffolding protein that contains binding sites for other members of the EIF4F complex. A domain at its N-terminus can also interact with the poly(A)-binding protein, which may mediate the circularization of mRNA during translation. Alternative splicing results in multiple transcript variants, some of which are derived from alternative promoter usage. [provided by RefSeq, Aug 2010]

Locus ID:

1981

MW:

17.6