

## Product datasheet for **SC206379**

### EIF4G1 (NM\_004953) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** EIF4G1 (NM\_004953) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** EIF4G1  
**Synonyms:** EIF-4G1; EIF4F; EIF4G; EIF4GI; P220; PARK18  
**ACCN:** NM\_004953  
**Insert Size:** 475 bp  
**Insert Sequence:** >SC206379 3'UTR clone of NM\_004953  
The sequence shown below is from the reference sequence of NM\_004953. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAGCAGAGGAGGAGTCTGACCACAACTGAGGGCTGGTGGGGCCGGGACCTGGAGCCCCATGGACACA
CAGATGGCCCCGGCTAGCCGCTGGACTGCAGGGGGCGGCAGCAGCGCGGTGGCAGTGGGTGCCTGTA
GTGTGATGTGTCTGAACTAATAAAGTGGCTGAAGAGGCAGGATGGCTTGGGGCTGCTGGGCCCCCTC
CAGGATGCCGCCAGGTGTCCCTCTCCTCCCTGGGGCACAGAGATATATTATATATAAAGTCTTGAAA
TTTGGTGTGTCTTGGGTGGGGAGGGGCACCAACGCCTGCCCTGGGTCTTTTTTTTATTTTCTGAA
AATCACTCTCGGGACTGCCGTCTCGTGTGGGGCATATGCCCCAGCCCTGTACCACCCTGTGT
TGCCTGGGCAGGGGAAGGGGGGCACGGTGCCTGTAATTATTAACATGAATTCAATTAA
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\\_004953.5](#)



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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