

## Product datasheet for **SC202193**

### EIF4EL3 (EIF4E2) (NM\_004846) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	EIF4EL3 (EIF4E2) (NM_004846) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EIF4E2
Synonyms:	4E-LP; 4EHP; EIF4EL3; h4EHP; IF4e
ACCN:	NM_004846
Insert Size:	223 bp
Insert Sequence:	>SC202193 3'UTR clone of NM_004846 The sequence shown below is from the reference sequence of NM_004846. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCTGGAAGCCGCGGTTGAATGTGCCATGACCCCTCTCCCTCTCTGGATGGCACCATCATTGAAGCTGGC GTCATCGGAGTCTCTTGTCTGTTGGCGTGCTACCTGGAAGATCCTTCTGTCCTGGACAAGAGGAATTG GAAGAGCATTTTATGTTTTAAGAACAGGCTGACACGCAGCAGCTACAACAACAGCTGAGATCACTTAAT AAATGGTGCTAAACTA <b>ACGCGT</b> AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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:	<a href="#">NM_004846.4</a>



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**Summary:** Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation (PubMed:9582349, PubMed:17368478, PubMed:25624349). Acts as a repressor of translation initiation (PubMed:22751931). In contrast to EIF4E, it is unable to bind eIF4G (EIF4G1, EIF4G2 or EIF4G3), suggesting that it acts by competing with EIF4E and block assembly of eIF4F at the cap (By similarity).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 9470

**MW:** 8.3