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Product datasheet for SC206285

EIF4G1 (NM_198244) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EIF4G1 (NM_198244) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EIF4G1
Synonyms:	EIF-4G1; EIF4F; EIF4G; EIF4GI; P220; PARK18
ACCN:	NM_198244
Insert Size:	475 bp
Insert Sequence:	>SC206285 3'UTR clone of NM_198244 The sequence shown below is from the reference sequence of NM_198244. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAAGCAGAGGAGGAGTCTGACCACAACTGAGGGCTGGTGGGGCCGGGGACCTGGAGCCCCATGGACACA CAGATGGCCCGGCTAGCCGCCTGGACTGCAGGGGGGCGGCAGCAGCGGCGGTGGCAGTGGGTGCCTGTA GTGTGATGTGTCTGAACTAATAAAGTGGCTGAAGAGGCAGGATGGCTTGGGGCTGCCTGGGCCCCCCTC CAGGATGCCGCCAGGTGTCCCTCTCCTCCCCCTGGGGCACAGAGATATATTATATATAAAGTCTTGAAA TTTGGTGTGTCTTGGGGTGGGGAGGGGCACCAACGCCTGCCCCTGGGGTCCTTTTTTTTATTTTCTGAA AATCACTCTCGGGACTGCCGTCCTCGCTGCTGGGGGCATATGCCCCAGCCCCTGTACCACCCCTGCTGT TGCCTGGGCAGGGGGAAGGGGGGGCACGGTGCCTGTAATTATTAAACATGAATTCAATTAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_198244.3

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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