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Product datasheet for SC210463

EIF5B (NM_015904) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EIF5B (NM_015904) Human 3' UTR Clone
Symbol:	EIF5B
Synonyms:	IF2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015904
Insert Size:	1942 bp

View online »

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Insert Sequence:

>SC210463 3'UTR clone of NM_015904
The sequence shown below is from the reference sequence of NM_015904. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGCTGAAGAAAGTATTTGAAATCATCTAATTTTTTCACATGGAGCAGGAACTGGAGTAAATGCAATAC
TGTGTTGTAATATCCCAACAAAAATCAGACAAAAAATGGAACAGACGTATTTGGACACTGATGGACTTA
AGTATGGAAGGAAGAAAAATAGGTGTATAAAATGTTTTCCATGAGAAACCAAGAAACTTACACTGGTTT
GACAGTGGTCAGTTACATGTCCCCACAGTTCCAATGTGCCTGTTCACTCACCTCTCCCTTCCCCAACCC
TTCTCTACTTGGCTGCTGTTTTAAAGTTTGCCCTTCCCCAAATTTGGATTTTTATTACAGATCTAAAGC
TCTTTCGATTTTATACTGATTAAATCAGTACTGCAGTATTTGATTAACCAAGCTTCTGCAGATTTTGTG
ATTCTTGGGACTTTTTTGACGTAAGAAATACTTCTTTATTTATGCATATTCTTCCCACAGTGATTTTTC
CAGCATTCTTCTGCCATATGCCTTTAGGGCTTTTATAAAATAGAAAATTAGGCATTCTGATATTTCTTT
AGCTGCTTTGTGTGAAACCATGGTGTAAAAGCACAGCTGGCTGCTTTTTACTGCTTGTGTAGTCACGAG
TCCATTGTAATCATCACAATTCTAAACCAAACTACCAATAAAGAAAACAGACATCCACCAGTAAGCAAG
CTCTGTTAGGCTTCCATGTTAGTGTAGCTTCTCTCCCACAAGTTGTCCTCCTAGGACAAGAATTATCTT
ACAAACTAAACTATCATCACACTACCTTGTATGCCAGCACCTGGTAACAGTAGAGATTTTTATACATTA
ATCTTGATCTGTTTTAATCTTGATCTGTTTTAGTAGAGATTTTTATACATTAATCTTGATCTGTTTTAA
TCTTGATCTGTTTTGTCCTAGAAAATTCCATCATACACACATTTCCTGATATTTGGGCTTAGTGCTTCT
AAATTGTTGCAGACACAAAACTTAATGATTCATTCGTAGTAGTAATCTGTAGCTAGTTTTAGGGTTTTG
CTGAAGTCAGTGTGGGGTGTTTGTTTGAGGAAAAAGTTCCAAATATCCACTAGCATAGAATTTTAAACT
ATTTTTATTTTAAAGTTATGGCATAACATATAACATAAAAATATTTTATATACGTTTGAAAAATCTATA
CCGTTCTTTTTTATCATCAAAGTTTCTCAATGGCCAGTAGAAGCAAAAAGACAACACCACCTCTGATCT
ACGGGACATAATGTTCCCAGGAAAAAAATCTTCAAGTGGGTGTGAGGGTGTTTCTAATTCAAAATATGT
AGATTTCTCCGCATGGAAGAAGTAGTAAAGATTTTCTTAACATGCTCCTGTGTTCATGCTTGGAGACAA
GAATAAGATGGTTTAGAAGCTTTACCCTTTCTTGGAACAAGTAGAATCCCGGTCTGAGACCTCTCAGGA
ATTTCAGAGCTTAGCAGTCTGGCCTGGAGGTTTTTCAGCCTTTTAGTATAATAAACAGTAGTTGCTTCC
TAGAGTTGAGTTTTTAAGGATTCACAAAAAGGAGCCTGTACAAAATATACATACAGTTCTTTATTAAAC
AACTGTAAACACTTCACTGTAAAAATCCATAAAACTTTATAAACAAACATTTTGTAAATAGAATCTATG
CTACAGTAAAATAATTAACACAATTATTTACATGCAATACTGACAAATTTGGCACTTTTTGAAAAGAAA
TGTACAAAACACTTGCTTTAAAAGAAATTTAAAATTATAAAAACTCCGAGCATTACTATCATGCACTTT
GCAAATACCTCACAAGCACTTATGGCACAGCTATCAGAGAGCATCAGGCTCTCTGGTAATATTTATGTA
ACTTTTAATGTGCTTCCATAAGTTTGTTGTAAAACCACCTGGACATTGTCAAGAATAAAGTCAAATGCC
ATATTCCAAA
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_015904.4

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Summary:	Accurate initiation of translation in eukaryotes is complex and requires many factors, some of which are composed of multiple subunits. The process is simpler in prokaryotes which have only three initiation factors (IF1, IF2, IF3). Two of these factors are conserved in eukaryotes: the homolog of IF1 is eIF1A and the homolog of IF2 is eIF5B. This gene encodes eIF5B. Factors eIF1A and eIF5B interact on the ribosome along with other initiation factors and GTP to position the initiation methionine tRNA on the start codon of the mRNA so that translation initiates accurately. [provided by RefSeq, Jul 2008]
Locus ID:	9669
MW:	75

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