

Product datasheet for **SC214489**

EIF2S2 (NM_003908) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EIF2S2 (NM_003908) Human 3' UTR Clone
Symbol:	EIF2S2
Synonyms:	eIF-2-beta; EIF2; EIF2B; EIF2beta; PPP1R67
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003908
Insert Size:	1451 bp



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Insert Sequence:	>SC214489 3'UTR clone of NM_003908 The sequence shown below is from the reference sequence of NM_003908. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site
	<pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC CGAGCACAGCTCCGTGCCAAAGCTAACTAATTTGCTAATCACTGATTTTGCAAAGCTTGTGTGGAGAT GTGGCTGGACAGGTTTGCCATCAGAGTGGATATACCGTTGTATTAACAAAGATAAAAAAGCTGCCAA GATTTTGGCGAGTGGTTGGTCTGAAGTCTTGAAGACGCTGATGCTCAAGCTGTTGACATACTCATT GCCTACTTTAACACCTGTGAGAGAAACGTGATATGGGGTAAGGAGGTGCTTTTTTAAATCGTTCATAG ACTTCTGTAAGTGAAGATAAATTAAAGTTATTATAACAGTGATTCTTCAATTTGGTTTGTCTTCA GTTTTCTTTCTATAAATGTGCTTGGTGAATCAGCAAGAAACCAACCATATAAACAGTGTGTGCCGG GCTCTGACTGAGAACTGAACAATGGCAGGCGCTTCATCTGGGCAGCCATTTTCTCTGCTTCTCT TGAGATACATAGTTAAAGTAGACACGGCCTCCACGCGAGTGTGGTGGGACCTTGAGACTTAGGAGGAT TGCTGTGTTTCAGTGTCCAGGGAATGACTCCATAGATTTGAATCTTTCCGTATGTGGGGATGGTTGC TACTACCTCACCGCCAAGTCTCCCCAGCTGTTACCACATGAGGGAATACAAGGTGCTAGGTACCTC CTTCCTCGTTGGCCACTAAGAGGTCTTAGAAACATAGCCTGTAATGTGCTTGTAACTGGCACACTAA AAAAGATCCTAGTTGAGCATCTCTTGGTGAGGAAGCGATGTGTGTGCGGTTTCAGGAACTCCTCCAA GAGGAGGAGGAGTCCAAACAGGGATGCCAGAGGAAGCTTCCGTTTTCTAGCCAACTTGTGTTCTGGG TTTGAAAAAGACCCACCACAAATGCTTTTTCTATTTCTGATTTAAAGTCGTTTTGAATATGACCAT GAGAAACCAAGAAATGCTGCTTGTGTGGTGTCTGCTTCTGAGGATTTGGCTGGAAGGGGATTCTCCG CTGGCACATGGGAGAAGGCCATCTTCTGTGTCGGTGTCTGATCTGCCTGTTCTCACTTGCTGAGGAT AAGGGCATACACGCTGCTCCTCGCTTTCTTGTGCCCCGACTTCGTAAGCAGCTCAGGAGCAGTCAC TCAGACCCAAATGTCTTGACTGTGTTGTTTTAATCACTGTGACCCTTAAAGTACAGGCCAAGTGTGT CAAAACACCTTGGCTAAAACAGTGGAGGGTATGGGTAAAGCAGTAGAGGGCCCTCAACCCACACACTGG CTGAAACTGCCACCACTGCCACGATGAACCAACTGCTGTTTATGCCCCATTTTCTTTTTTTGTAT CTACCCACACGATTCCCAATGTTGGATATTTCTACATGAATAAAGCAAGGATCAGTGCCTCTTATGT AA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	Sgfl-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:	<u>NM_003908.5</u>

Summary:	Eukaryotic translation initiation factor 2 (EIF-2) functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA and binding to a 40S ribosomal subunit. EIF-2 is composed of three subunits, alpha, beta, and gamma, with the protein encoded by this gene representing the beta subunit. The beta subunit catalyzes the exchange of GDP for GTP, which recycles the EIF-2 complex for another round of initiation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]
Locus ID:	8894
MW:	55.2