

Product datasheet for **SC209520**

EIF2B1 (NM_001414) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EIF2B1 (NM_001414) Human 3' UTR Clone
Symbol:	EIF2B1
Synonyms:	EIF2B; EIF2BA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001414
Insert Size:	1380 bp



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Insert Sequence:	>SC209520 3'UTR clone of NM_001414 The sequence shown below is from the reference sequence of NM_001414. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC AGCGATGAGCTCATCAAGCTCTATCTGTAACTGTGAGCCCTTCTGCCAAGGTGCAGCTTACGTAGT TGAGGCAGGGTGAGTAGCTGCTTGACACCCAGTGAGTCAGGCCAAAAGTGAAGTGTGTTAATGAAGA TTTATGGAGTAAGGACTTAAATCATACATCTTGGAGAACCTTCTTACTCATTTAGTCCCATCTAAA AATGTGTCAGCTATTCTAAATCCCAACTTAAATTTGTTCTTACGGTTTCTAGAACTTTCTTTTCAGTT TCCAGAAATACAAGTTAGATAATTGGCTACTTAACTGATGAAAGATGAGCCCAAGTCCACCTGTCTTCA TCCTCCCTGCACTCCAGACTGATCTGCCTAAAGCACGCGAGATGCAGGCGAAAAGCAGCCACACCCCT CTGCCACAAATGACCAACAGCTGGTCAGGACGTTACACGCGGTGCCTTGTAAAGAGGCAAGAAACACTTG CTGAATCTGCATCTGGCTTCCAGTGGTAAGCACATTCTCAGCAGGATCAAGCCAAACAGTAAAACTA CCAAGAGAACACGAGGAAGGCAGAAACGATGTTTAGCAACAGTATTCTGCATGGTCACTGCTTAAGAA AATGCCTTCTGGAATATTTGTAACTGAAATCTGTATGTGAAGAGATGTTTAAATATGTTTGGGTCC TAAACAGCTTTTTAAATTTATACTTGGGAATAAATTCAGCATCTTTCAAATAAACTCTATGAAAGACG CTGATGTGGTGTTCATCAATACTGCAAGCTGACCAGGCCATCTAGGGGAAAACACTGTCCAGCTACAT TTACACACTTAAGACCCAGGCAATCAGGACACCATTTATTCAACAGGAGGCATAAAAACTATAATTCTC TTTCCCGGAATATGACTTAATCCCTCTGTTTTTCAGCTATTACCAATAAAACAATACTGTGACTATTA ACACAGAAAAACCCAGCACATTAGCCACCCCTGCAGGACATCAAGGATAACTGAAGCCAGGGCCAA GCACATTGAGGAGTCAAATGCCTGAAGATACTGAGGAATGGTTTTGAAAATCAGAAGTCAAGAAGACT TCTGTATCTTTATGTTTAAAAATAACTATAAAATAGCCTCAGAAAAAAGAGCTTATATATATATATA TATATATATATATATATATATATATATAATATGTACATATGTCTATATGTGACCCATCATGATAA ATACTGACATCTATTATTACACTCAAATAATTTTACATTTTCTCTGTTAGACTACTCCAAGACTGGA ATTGTTTTGTTTTGTTGTTTTAATGAGAGGGTCTCGCTGTGTTCCAGGCTGGTCTTGAACCTCTGGG ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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_001414.4</u>
Summary:	This gene encodes one of five subunits of eukaryotic translation initiation factor 2B (EIF2B), a GTP exchange factor for eukaryotic initiation factor 2 and an essential regulator for protein synthesis. Mutations in this gene and the genes encoding other EIF2B subunits have been associated with leukoencephalopathy with vanishing white matter. [provided by RefSeq, Oct 2009]
Locus ID:	1967
MW:	52.3