

## Product datasheet for SC111145

### EIF1B (NM\_005875) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EIF1B (NM_005875) Human Untagged Clone
Tag:	Tag Free
Symbol:	EIF1B
Synonyms:	GC20
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_005875 edited  
 ATGTCCACTATCCAGAACCTCCAATCTTTGACCCTTTGCTGATGCAACTAAGGGTGAC  
 GACTTACTCCCGCAGGGACTGAGGATTACATTCATATAAGAATCCAGCAACGGAACGGC  
 AGAAAGACACTGACTACTGTTTCAGGGCATTGCAGATGATTATGACAAAAAGAACTTGTG  
 AAAGCTTTCAAAAAGAAATTTGCCTGTAATGGTACTGTGATTGAACATCCTGAATACGGA  
 GAGGTTATTCAGCTTCAAGGTGACCAAAGAAAAACATCTGCCAGTTTCTCTGGAGGTT  
 GGCATTGTAAAGGAGGAACAGCTTAAGGTTTATGGATTCTAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_005875 unedited  
 ATTTGTAATACGAACTCACTATAGGGCGCCGCGAATTCGCACGGGCCACCCCGGGCGA  
 AGCGTTTTCTTATTTATTTCCGTTTTCTCGCCACTACAGCCTCCTGACAAGGTGATCCGG  
 GCGGGCCCGCAGGAATTTATCCCTCACCGCCTCACACTAGTATCGCATGTCCACTA  
 TCCAGAACCTCCAATCTTTGACCCTTTGCTGATGCAACTAAGGGTGACGACTTACTCC  
 CGGCAGGGACTGAGGATTACATTCATATAAGAATCCAGCAACGGAACGGCAGAAAGACAC  
 TGACTACTGTTTCAGGGCATTGCAGATGATTATGACAAAAAGAACTTGTGAAAGCTTTCA  
 AAAAGAAATTTGCCTGTAATGGTACTGTGATTGAACATCCTGAATACGGAGAGGTTATTC  
 AGCTTCAAGGTGACCAAAGAAAAACATCTGCCAGTTTCTCTGGAGGTTGGCATTGTAA  
 AGGAGGAACAGCTTAAGGTTTATGGATTCTAAAATGAACCTAAAACGTGGAGAATTTCT  
 TGAATAGTTTTGTTCTCTAAACCGGTTTGGCTGCCTTGTGAAATGATTCCCTGCAGTAA  
 ACGGACTTTTCAATTTAATCACTTCAAACTTCCATTACATCTGCATGATTACAGAAA  
 ACATGGGGTATGTAGACTAGTAACACATAAGAAAATTGCAGTAAGATGGTAACAAAACC  
 TCATATTGCTTTACATGTTTCCATGGGAAATGNTTGTAGTGTATTGTTTCAAGTTTATT  
 ACGTTTCACTTGATTAATTTTTTTGGGTNTGTATTAACCATGGTACCGTGCAGCTTAAC  
 AATAAAAAAATCTATGAATCTTGTGAGCANTNATGCTCCCAAATCTAGCAGTAATAAA  
 AAAAAAA



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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_005875 unedited ACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTATTTTACTTGCTTAGAT TTGGGAGCATAATTGCTCACAAAATTCATAGATTTTTTTTTTATTGTTAAGCTGCAACGT ACATGGTTAATACAACAACAAAAAATTTAATCAAGTGAAACGTAATAAACTGAACAA TAAACTCAAACATTTTCCATTGGAACATGTAAGACAATATGAGGTTTTGTTACCA TCTTACTGCAATTTTCTTATGTGTTACTAGTCTACATACCCCATGTTTTCTGTAATCATG CAGATGTGAATGGAAGTTGAATGATTAATAAATGAAAAGTCCGTTTACTGCAGGGAAT CATTTCAAGGAGCCAAACCGGTTTAGAGAACAACAACTATTCAAGAAATTCTCCACG TATTTAGGTTTATTTAGAAATCCATGAACCTTAAGCTGTTCTCTCTTTACAATGCCAAC TCCAAGAGAACTGGCAGATGTTTTTCTTTGGTCACTTGAAGCTGAATAACCTCTCCG TATTCAGGATGTTCAATCACAGTACCATTACAGGCAAATTTCTTTTTGAAAGCTTTCACA AGGTTCTTTTTGTCATAATCATCTGCAATGCCCTGAACAGTAGTCAGTGTCTTTCTGCCG TTCCGTTGCTGAATTCATATGAATGTAATCCTATTCCCTGCCGGGAGTAAGCCGTCA CCCTTAGTTGCATCAGCCAAGGGGTTCAAAGATTGGAGGTTCTGGATAGTGGCATGCCAT ACTATGGTGAGGCCGGTGAGGGAATAAAATCCTGCGGGGCCCGGTATCACCTGTCA GAGGCTGTATTGCGGAGAAAACGAATAATAAAAACCTTCCCTCTGGGTTGGGCTCC A
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_005875
<b>Insert Size:</b>	910 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_005875.2</a> , <a href="#">NP_005866.1</a>
<b>RefSeq Size:</b>	1014 bp
<b>RefSeq ORF:</b>	342 bp
<b>Locus ID:</b>	10289
<b>UniProt ID:</b>	<a href="#">O60739</a>
<b>Cytogenetics:</b>	3p22.1
<b>Domains:</b>	SUI1
<b>Gene Summary:</b>	Probably involved in translation.[UniProtKB/Swiss-Prot Function]