

Product datasheet for **SC316845**

EIF3CL (NM_001099661) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EIF3CL (NM_001099661) Human Untagged Clone
Tag:	Tag Free
Symbol:	EIF3CL
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001099661, the custom clone sequence may differ by one or more nucleotides

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ATGTCGCGGTTTTTCACCAACCGTTTCGGACAGCGAGTCCGAGTCGTCCTTGTCGGGGAG
GAGCTCGTCACCAACCTGTGCGAGGCAACTATGGCAAACAGCCATTGTTGCTGAGCGAG
GATGAAGAAGATACCAAGAGAGTTGTCCGAGTGCCAAGGACAAGAGGTTTGAGGAGCTG
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TGGGAAGATAAGGAAGGGAAGAAGATGAACAAGAACAATGCCAAGGCTCTGAGCACC
TTGCGTCAGAAGATCCGAAAATACAACCGTGATTTGAGTCCCATATCACAAGCTACAAG
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TCTTCAGATGAGGATGAGGATGAGGACGGAGTCAGTGTGCAACTTTCTTGAAGAAGAAA
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CGCACAGACCGGATCCGCACATGTGCCATCCTCTGCCACATCTACCACCATGCTCTGCAC
TCGCGCTGGTACCAGGCCGCGACCTCATGCTCATGAGCCACTTGCAAGGACAACATTCAG
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CAGACAGTGGTGTGACCCGCACTGAGCCCACTGCCAGCAGAACCTGGCTCTGCAGCTG
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CGCCGCGGTGGTACCGCCAGCAGCAGTCTCAGACGGCCTAC

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Restriction Sites: Please inquire
ACCN: NM_001099661

OTI Disclaimer:	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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	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).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_001099661.1, NP_001093131.1</u>
RefSeq Size:	3053 bp
RefSeq ORF:	2745 bp
Locus ID:	728689
UniProt ID:	<u>B5ME19</u>
Cytogenetics:	16p12.1
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene is a core subunit of the eukaryotic translation initiation factor 3 (eIF3) complex. The encoded protein is nearly identical to another protein, eIF3c, from a related gene. The eIF3 complex binds the 40S ribosome and mRNAs to enable translation initiation. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Dec 2015] Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. All three variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.