

Product datasheet for **SC320049**

EIF1 (NM_005801) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: EIF1 (NM_005801) Human Untagged Clone
Tag: Tag Free
Symbol: EIF1
Synonyms: A121; EIF-1; EIF1A; ISO1; SUI1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_005801.3
 CTGAGCCGCCGCGAGGATTTCAGCAGCCTCCCCCTTGAGCCCCCTCGCTCCCGACGTTCC
 CGTTCCCCCTGCCCGCTTCTCCCGCCACCGCCGCCGCGCTTCCGCAGGCCGTTTCC
 ACCGAGGAAAAGGAATCGTATCGTATGTCCGCTATCCAGAACCTCCACTTTTCGACCCC
 TTTGCTGATGCAAGTAAGGGTGATGACCTGCTTCTGCTGGCACTGAGGATTATATCCAT
 ATAAGAATTCAACAGAGAAAACGGCAGGAAGACCCTTACTACTGTCCAAGGGATCGCTGAT
 GATTACGATAAAAAGAACTAGTGAAGCGTTTAAAGAAAAGTTTGCCTGCAATGGTACT
 GTAATTGAGCATCCGGAATATGGAGAAGTAATTCAGCTACAGGGTGACCAACGCAAGAAC
 ATATGCCAGTTTCTCGTAGAGATTGGACTGGCTAAGGACGATCAGCTGAAGGTTTCATGGG
 TTTTAAGTGCTTGTGGCTCACTGAAGCTTAAGTGAGGATTTCTTGAATGAGTAGAATT
 TCCCTTCTCCCTTGTACAGGTTTAAAAACCTCACAGCTTGTATAATGTAACCATTTG
 GGGTCCGCTTTTAACTTGGACTAGTGTAACTCCTTCATGCAATAAACTGAAAAGGCCAT
 GCTGTCTAGTCTTGAAGTCCCTCATTTAAACAGAGGTCAAGCAATAGGCGCTGGCAGTG
 TCAAGCCTGAAACCAAGCAATACCGTCATGTTTCAGCCAAGCCCAGAGCCCTAAGATTAC
 AAACAATATGGCCGGAACCTCCTCAGCTCTCCCTCTGCAGAGTTCCTACCCCTAAGAGA
 ATGTTACCACCTGAACAGTCTCGGTGAATCTGAGAGGAGAGGATGGGGTAAGGCAGAAG
 CACCAGCTGTACTACTAGAAGGGAGCTTTTGGTGGTAGATCCCCTGGTGTCTCCAACCTG
 ACTAGGTGGACAGAGCTCAAAGAGGCCCTTTACCGCTAGCGAGGTGATAGGACATCTGG
 CTTGCCACAAAGGTCTGTTTCGACCAGACATATCCTAGCTAAGGGATGTCCAAACATCAGA
 ATGTGAGGCCAACCTTCTATCAGAGTTAACTTTTGACAAGGGAACAAATCTCAAACCTGA
 TCCATCAGTCATGTAGCTAGCTGTAGAGCTTGCAACTTAATAGCAGCAGCTGCCCAATGC
 CATGTGAAGTAACAACTGGTTTTTGGTTTTTTTTTCCCTTCAGTTTTAATGTTATGTG
 TAATGTATTTAAACCCTTATTTAAATAAACTGTTTTTCAGAAAAAAAAAAAAAAAAAAAA
 AAA

Restriction Sites: Please inquire



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ACCN:	NM_005801
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:	<ol style="list-style-type: none">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_005801.3</u> , <u>NP_005792.1</u>
RefSeq Size:	1326 bp
RefSeq ORF:	342 bp
Locus ID:	10209
UniProt ID:	<u>P41567</u>
Cytogenetics:	17q21.2
Domains:	SUI1
Gene Summary:	Necessary for scanning and involved in initiation site selection. Promotes the assembly of 48S ribosomal complexes at the authentic initiation codon of a conventional capped mRNA. [UniProtKB/Swiss-Prot Function]