


Product datasheet for **SC316658**

EIF5AL1 (NM_001099692) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EIF5AL1 (NM_001099692) Human Untagged Clone
Tag:	Tag Free
Symbol:	EIF5AL1
Synonyms:	bA342M3.3; eIF-4D; eIF-5A; eIF-5A-1; eIF-5A1; EIF5A; EIF5AP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316658 representing NM_001099692. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCAGATGATTTGGACTTCGAGACAGGAGATGCAGGGGCCCTCAGCCACCTTCCCAATGCAGTGCTCA
GCATTACGTAAGAATGGCTTTGTGGTGCTCAAAGGCTGGCCATGTAAGATCGTGGAGATGTCTGCTTCG
AAGACTGGCAAGCACGGCCACGCCAAGGTCCATCTGGTTGGTATTGACATCTTTACTGGGAAGAAATAT
GAAGATATCTGCCGTCAACTATAATATGGATGTCCCAACATCAAAGGAATGACTTCCAGCTGATT
GGCATCCAGGATGGGTACCTATCACTGCTCCAGGACAGCGGGAGGTACCAGAGGACCTTCGTCTCCCT
GAGGGAGACCTTGCAAGGAGATTGAGCAGAAGTACGACTGTGGAGAAGAGATCCTGATCACGGTGCTG
TCTGCCATGACAGAGGAGGCAGCTGTTGCAATCAAGGCCATGGCAAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	
ACCN:	NM_001099692
Insert Size:	465 bp
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).



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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:	NM_001099692.1
RefSeq Size:	3849 bp
RefSeq ORF:	465 bp
Locus ID:	143244
UniProt ID:	Q6IS14
Cytogenetics:	10q22.3
MW:	16.8 kDa
Gene Summary:	mRNA-binding protein involved in translation elongation. Has an important function at the level of mRNA turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. Functions as a regulator of apoptosis. Mediates effects of polyamines on neuronal process extension and survival. May play an important role in brain development and function, and in skeletal muscle stem cell differentiation (By similarity).[UniProtKB/Swiss-Prot Function]