

EIF3S1 (EIF3J) (NM_003758) Human Untagged Clone

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: EIF3S1

Synonyms: eIF3-alpha; eIF3-p35; EIF3S1

Mammalian Cell	None
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Selection:

Vector: pCMV6-XL5

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >oriGene ORF within SC117778 sequence for NM_003758 edited (data generated by NextGen Sequencing)

ATGGCGGCGGCGGCGGCGGCGGCGGGGACTCGGACTCTGGGACGCCAGCCTTTCTCC
GTGGAAGACCCAGTGCGGAAGTGGGGGCGGCGGCACTGCCGCGGGGACCGCTGGGAA
GGCGAGGACGAGGACGAGGACGTCAAGGATAACTGGGATGACGATGATGATGAAAAAAA
GAGGAAGCAGAAGTAAACCAGAGGTAAAAATTTAGAAAAAGAAAAAATAGCAGAGAAG
ATAAAAGAGAAAGAACGGCAACGAGAAGAAAGGCAAGAAGAAATAAAAAGCTGGAA
GAACCCGAAGAACTAAAGTGCTAAACACCAAGCAAGAACAAATAGCAGATAAAGTCGGCTA
AAGAAATTACAGGAAGAGTCAGACCTCGAATTAGCAAAGGAACTTTTGGTGTTAATAAT
GCAGTTTATGGAATAGATGCTATGAACCATCTTCAAGAGATGACTTTACAGAGTTTGG
AAGTTACTAAAAGATAAAATTACACAATATGAAAGTCACTATATTATGCCAGTTTTTTG
GAAGTCTTAGTTCGAGATGTGTGATTTTCATTGGAAATTGATGACTTGAAAAAAATTACC
AATTCAGTGACTGTGCTTTGCACTGAAAAACGAAAGCAAGAAAGCAAAGCAAGGCATA
AAGAAGAAGAAAGGTGGTTCCTGGAGGGGGATTAAGGACCACTAAGAGATGACTCG
CGAGATTATGGTGGTTATGATGGAGGATATGTACAAGCATATGAAGACTTCATGTGTA

Clone variation with respect to NM_003758.2



This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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5' Read Nucleotide

>OriGene 5' read for NM_003758 unedited

Sequence:

CGCGTCGAAATTTGTATACGACTCATATAGGCGCGCCGCGAATTCGACACGAGGCACCTCC
GCCGTGCTAACTCCTCGCTAGCTCTCCCTCTCACACACGCTCACACCCGGCTCGAGATGG
CGGCGGCGGCGGCGGCGGCGGGGACTCGGACTCCTGGGACGCCACGCTTTCTCCGTGG
AAGACCCAGTGC GGAAGGTGGGGGGCGCGGCGACTGCCGGCGGGGACCGCTGGGAAGGCG
AGGACGAGGACGAGGACGTCAAGGATAACTGGGATGACGATGATGATGAAAAAAGAGG
AAGCAGAAGTAAAACAGAGGTAAAAATTTAGAAAAAGAAAAATAGCAGAGAAGATAA
AAGAAAAAGAACGGCAACGAAGAAGGAAGCAAGAAATTAAGAAAGGTTAGAAGAAC
CCGAAGAACCTAAAGTGCTAACACCAAGAAAGCAAAATATAGCAGATAAATCGCGCTAAGA
AATTACAGGAAGAGTCAGACCTCGAATTAGCAAGGAAACTTTTGGTGTTAATATGCAG
TTTATGGAATAGATGCTATGAACCCATCTTCAAGAGATGACTTTACAGAGTTTGGAAAGT
TACTAANAGATAANATTACACAATATGAAAAGTCACTATATTATGCCAGTTNTTTGGAAG
TCTTAGTTGAGAGATGTGTGATTTTCATTGGAAATTGATGACTTGAAGAAAAATACCATTC
CTGACTGTGCTTTGCAGTGAANAACANGAGCAAGAAAAAGCAAGCAAGCCCAAGAAAG
AAGAAAGGTGTGGTTCCTGGAGGGGATTAAAAGCCACCATGAAAGATGATCTGGCAGAT
TATGGTGGTATGATGGGAAATTTGATCAACAGACTTACGAGACTTCATGTGACATTNNAT
CTTTCTGGNGTCACTCGAATGTTGCCACATCCCTTGA

3' Read Nucleotide

>OriGene 3' read for NM_003758 unedited

Sequence:

GAATTTAATTATTATTATTCACAGTGAAGGAACAGGTGATACATTTTCATTTGTGTAAGAACTGATCTTTCTGTAATAAAATAGATTTTCAATTCAGTGTATGTCATTATTACTGCTAAGGAATCTTAGCCCTGTCTGCCTTAAAGGAATCTTTATTTAATTTACTGTAATTATTGCTGTGAGTCACTACTTTTGTTAATTTCTCAAATCACTTAGATGATGGTCTTGTTTTCCACTTAGAGTGATACAGAGCTTTGACGTTCTATTATTTCTATATAAGAGAAATTTAAACACTTTTGTCTTTCTGTCTTAGGGGAATAAAAAAACTAACCACACATTTGGTTAAACTGCTTAGGAGAAGACATAATAAGATTCCTCCCAATCTACTTAAACAGCCATAAACCTGAGTTACAGGCTCAGTTACTCCAATAATAGTGTCTTATAGTACTTAATTAATAGGCTCTGGTATCTAAATAACAAAATAATGTCCCCAAATAAATAAGAGGAAGCGAGCCCTATACCTTTGTTGCTCTATGGTGACAACATAAAGGACCTGGCAAATCACTCATGTTTTAAAGCTGTAACATGTCAAGCATTTATTAAGATTTAGTAGAGAAGCTAGAGAAGCTACTCCCAAGAGCTGTGTTCTATACTCTCAAAAAGTATCTCTTGGGAGGTAAACACANAATTTAAGTGCTCACAACAGTGATTTTATTAATAATAGTGCTTTATAAAACATTGCAGATGTCATAATTTGTAACATAACAAATTAACAACTGTAGTTAACTGGCGCAGCTTGCTGAGCATGTTTTATTCAAGGAAAGGAAACAAATTGCCAAAACCTGGTTAAGTTGTTCCATCGCAGCCTAAGAGAACAAATGATTTGTTCTCTCACACCTTTAATCATGCCCTAAAAATAGTTCCCTCCCCACTGAAGCGGTATCCTAGCAATACCTGTTAATACTAGCAGGCTTTGCCCTCAAGATCTCCAAGTGATCCAATATGAAGTTACTTCT

Restriction Sites:

NotI-NotI

ACCN:

NM 003758

Insert Size:

2560 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).

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_003758.1, NP_003749.1</u>
RefSeq Size:	2443 bp
RefSeq ORF:	777 bp
Locus ID:	8669
UniProt ID:	<u>O75822</u>
Cytogenetics:	15q21.1
Gene Summary:	This gene encodes a core subunit of the eukaryotic initiation factor 3 complex, which participates in the initiation of translation by aiding in the recruitment of protein and mRNA components to the 40S ribosome. There are pseudogenes for this gene on chromosomes 1, 3, and 9. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2013] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).