

Product datasheet for SC319338

EIF3S4 (EIF3G) (NM_003755) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: EIF3S4 (EIF3G) (NM_003755) Human Untagged Clone
Tag: Tag Free
Symbol: EIF3S4
Synonyms: eIF3-delta; EIF3-P42; eIF3-p44; EIF3S4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_003755.3
GCTCTCTGGCCGGCTTGGGCTGCGTGGAGAATACTTTTTGCGATGCCTACTGGAGACTT
TGATTCGAAGCCAGTTGGGCCGACCAGGTGGAGGAGGGGGAGGACGACAAATGTGT
CACCAGCGAGCTCCTCAAGGGGATCCCTCTGGCCACAGGTGACACCAGCCAGAGCCAGA
GCTACTGCCGGGAGCTCCACTGCCGCCTCCCAAGGAGGTCAACGAAACATAAAGAC
AGTGACAGAGTACAAGATAGATGAGGATGGCAAGAAGTTCAAGATTGTCCGCACCTTCAG
GATTGAGACCCGGAAGGCTTCAAAGGCTGTCGCAAGGAGGAAGAAGTGAAGAAGTTCGG
GAACTCAGAGTTTGACCCCCCGGACCCAATGTGGCCACCACCACTGTCAGTGACGATGT
CTCTATGACGTTTCATCACCAGCAAAGAGGACCTGAACTGCCAGGAGGAGGAGGACCCTAT
GAACAAACTCAAGGGCCAGAAGATCGTGTCTGCCGCATCTGCAAGGGCGACCACTGGAC
CACCCGCTGCCCTACAAGGATACGCTGGGGCCATGCAGAAGGAGCTGGCCGAGCAGCT
GGGCTGTCTACTGGCGAGAAGGAGAAGCTGCCGGGAGAGCTAGAGCCGTTGCAGGCCAC
GCAGAACAAGACAGGGAAGTATGTGCCCGGAGCTGCGCGACGGGGCCAGCCGCGCGG
GGAGTCCATGCAGCCCAACCGCAGAGCCGACGACAACGCCACCATCCGTGTACCAACTT
GTCAGAGGACACGCGTGAGACCGACCTGCAGGAGCTCTTCCGGCCTTTCCGGCTCTATCTC
CCGCATCTACCTGGCTAAGGACAAGACCACTGGCCAATCCAAGGGCTTTGCCTTCATCAG
CTTCCACCGCCGCGAGGATGCTGCGCGTGCCATTGCCGGGGTGTCCGGCTTTGGCTACGA
CCACCTCATCCTCAACGTGAGTGGGCCAAGCCGTCCACCAACTAAGCCAGCTGCCACTG
TGTACTCGGTCCGGGACCTTGGCGACAGAAGACAGCCTCCGAGAGCGCGGGCTCCAAGG
GCAATAAAGCAGCTCCACTCTCTAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_003755



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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:	NM_003755.3 , NP_003746.2
RefSeq Size:	1127 bp
RefSeq ORF:	963 bp
Locus ID:	8666
UniProt ID:	O75821
Cytogenetics:	19p13.2
Domains:	RRM
Gene Summary:	This gene encodes a core subunit of the eukaryotic translation initiation factor 3 (eIF3) complex, which is required for initiation of protein translation. An N-terminal caspase cleavage product of the encoded protein may stimulate degradation of DNA. A mutation in this gene is associated with narcolepsy. [provided by RefSeq, Jul 2016]