

Product datasheet for **SC319441**

C14orf166 (RTRAF) (NM_016039) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C14orf166 (RTRAF) (NM_016039) Human Untagged Clone
Tag: Tag Free
Symbol: C14orf166
Synonyms: C14orf166; CGI-99; CGI99; CLE; CLE7; hCLE; hCLE1; LCRP369; RLLM1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_016039.1
CGCCGGTGCCTGCGCCTCCCGCTCCACCTCGCTTCTTCTCTCCCGCCGAGGCCCGGGG
ACCAGAGCGAGAAGCGGGACCATGTTCCGACGCAAGTTGACGGCTCTCGACTACCACAA
CCCGCCGGCTTCAACTGCAAAGATGAAACAGAATTTAGAACTTCATCGTTTGGCTTGA
AGACCAGAAAATCAGGCACTACAAGATTGAAGACAGAGGGAATTTAAGAAACATCCACAG
CAGCGACTGGCCCAAGTCTTTGAAAAGTATCTCAGAGATGTTAACTGTCTTTCAAGAT
TCAAGATCGACAAGAAGCTATTGACTGGCTTCTTGGTTTAGCTGTAGACTTGAATATGG
AGATAATGCTGAAAAATACAAGGATTTAGTACCTGATAATTCAAAACTGCTGACAATGC
AACTAAAAATGCAGAACCATTGATCAATTTGGATGTAATAATCCTGATTTTAAGGCTGG
TGTGATGGCTTTGGCTAACCTGCTTCAGATTCAGCGTCATGATGATTACCTGGTAATGCT
TAAGGCAATTCGGATTTTGGTTCCAGGAGCGCTGACACAGGATGCAGTTGCTAAGGCAAA
TCAAACAAAAGAGGGCTTACCTGTTGCTTTAGACAAACATATTCTTGGTTTTGACACAGG
AGATGCAGTTCTTAATGAAGCTGCTCAAATCTGCGATTGCTGCACATAGAGGAGCTCAG
AGAGCTACAGACAAAAATCAACGAAGCCATAGTAGCTGTTGAGGCAATTTGCTGATCC
AAAGACAGACCACAGACTGGGAAAAGTTGGAAGATGAACACTTGAGGACTTCAGCTTCTC
ACCTACTTAGTACAGTTGGGAACCATACACTTCTGGCATGTTGGAAATCAAATGTCAC
ATTCTCGGGGAGGAAGCCAGAAAATTTGGGTATGTTCTAGAGATTTACCACCATTGCTT
ATTGCTTTTTTCTTAATAAAGTTTAGGAAAGTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_016039
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_016039.1 , NP_057123.1
RefSeq Size:	1105 bp
RefSeq ORF:	735 bp
Locus ID:	51637
UniProt ID:	Q9Y224
Cytogenetics:	14q22.1
Gene Summary:	RNA-binding protein involved in modulation of mRNA transcription by Polymerase II (PubMed:16950395). Component of the tRNA-splicing ligase complex and is required for tRNA ligation (PubMed:24870230). May be required for RNA transport (PubMed:24608264). [UniProtKB/Swiss-Prot Function]