

## Product datasheet for SC306440

### PARIS (ZNF746) (NM\_152557) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PARIS (ZNF746) (NM_152557) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF746
Synonyms:	PARIS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_152557 edited  
GCGACTGCGGGCGCGCGCGCAGGGGCAGCCAGCGAGGAGCGGGCGCAGAGGAAAGGCC  
AGGCAGGCGCGCCTGCGGAGAGCACCGGGCGGGCCGGCCTGCGTGGTGCCGCGCGCGGC  
GGCGGCGACGACACTTCTCCGGGCGGGCGGACAGCGCAGGGCCATGGCCGAGGCGG  
TCGCGGCTCCGATTTCTCCGTGGACGATGGCAGCCACGATTTCAGGCCATGGAGAGGAAGA  
TTGAATCGCAGGCTGCTCGCCTGCTTTCCCTAGAAGGTGAAACCGGGATGGCCGAGAAGA  
AGCTGGCTGATTGCGAGAAGACAGCCGTGGAGTTCGGGAACAGCTGGAGGGCAAGTGGG  
CCGTGCTGGGACCTGCTGCAGGAGTACGGGCTGCTGCAGAGGCGGCTGGAGAAGTGG  
AGAACCTGCTGCGCAACAGGAATTCTGGATCCTGCGGCTGCCCCGGGCAGCAAGGGG  
AGTCCCCTAAGGAGTGGGCAAGCTGGAGGACTGCAGAAAGGAGCTCTACAAGCACGTGA  
TGAGGGGCAACTACGAGACGCTGGTCTCCCTGGACTACGCCATCTCCAAGCCGAGGTCC  
TCTCCCAGATTGAACAAGGGAAGGAGCCCTGCAACTGGCGCCGCCCTGGCCCAAGATTC  
CAGATGTTCTGTGGACCCAGTCCAGGCTCGGGGCCCCAGTTCGCCCCAGACCTCT  
TGATGCAGATCAAGCAGGAGGGTGGAGCTCCAGCTCCAGGAGCAGCAGGCCCTGGGCGTGG  
AGGCGTGGGCAGCCGGGCAGCCAGATATTGGGGAGGAGCCCTGGGGCCTCAGCCAGCTGG  
ATTCGGGAGCAGGAGACATCTCCACGGATGCCACCTCTGGTGTCCATTCCAATTTTCCA  
CCACCATCCCGCCACCTCCTGGCAAACGGATCTCCCTCCCACCATCCCTTTTCCAGCAT  
GCTCGGACGGGACCCTGAAGCTCAACACAGCAGCCTCCACGGAAGATGTAATAATTGTAA  
TAAAAACAGAAGTCCAGGAAGAGGAGGTGGTGGCCACACCCGTACATCCTACTGACCTAG  
AGGCTCACGGGACCCTGTTTGGACCAGGCAAGCCACACGGTTCTTCCTAGTCCTGCC  
AGGAAGGAGCCTGGGAAAGCCAGGGCAGCTCCTTCCCAGCCAGGACCCTGTGCTGGGGC  
TGCGAGAGCCCGCCGGCCTGAGAGGGACATGGGTGAGCTCAGTCTGCTGTGGCCAGG  
AGGAGACCCTCCTGGGACTGGCTCTTCGGAGGGTCCGGTGGGGCTGGAATTTCCGGT  
GTAACCCGACAGTGGGCTGAACCCGAGGACGGGGCCGAGGGGCTTCTTACTCCTCCC  
CGGACAACGGAGAGGCCATCTTGGACCCAGCCAGGCCCAAGGCCATTCAACGAACCT  
GTAATAACCTGGCCGACCAAGGCTTTGGCCACAAGCCAGGGCTGAAGAAGCACCCCG  
CGCGCCCCCGGGGCGGCCCTTACCTGCGCCACGTGTGGGAAGAGCTTCCAGCTGC



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AAGTCAGCCTGAGCGCGCACCAGCGCAGCTGTGGGGCGCCCGACGGGTCCGGGCCGGGCA  
 CAGGCGGTGGCGGCAGCGGCAGTGGCGGCGCGGTGGCGGCAGCGGTGGGGGCAGCGCAC  
 GGGATGGCAGCGCCCTTCGGTGTGGGAGTGGCGCCGTTGCTTACGCGCCCCGCGCACC  
 TCATCCGCCATCGCATGCTGCACACCGGCGAGCGGCCCTTCCCCTGCACCGAGTGTGAGA  
 AGCGCTTACCCGAACGCTCCAAGCTCATCGACCACTACCGAACGCACACGGGCGTGGCGC  
 CCTTACCTGCACCGTCTGGCGAAAAGTTTCCGCAAGGACCACTCCGCAAGCACC  
 AGCGCAACCATGCAGCGGGCGCCAAGACCCCGCCGAGGCCAGCCACTCCCGACGCCGC  
 CCGCACCTCCTGATCCCTTCAAGAGCCCCGCTCCAAAGGACCTTTGGCCTCCACAGACC  
 TTGTGACCGACTGGACTTGTGGCCTCAGCGTCCTGGGACCCACCGATGGCGGGGACATGT  
 GAGCGCCTCCAGCCCATAGCCCCTGCCGGCCGCACGTGTAAAAAGCCCGTGTGCAGGC  
 AGCAGGGCGGCGTGAAGCTTACGGCAGACGCGGGACGGGGAGAACAAATGTCCAAGTT  
 GCTGAAGTATGATCACTGGAGAAAGAGAACTATCCACCAGGACAGCTGCCACCTCTAA  
 ACCAAGTAGAATTCTCTGTGAAATGGGAGCGCCGTAGAATTTTAAAGTAAATTAATTGCAA  
 ACCTGTTTTGTTTTTGTTTTTTGTTTTTTTAATTCTTGAGGAAAAAGCTGAAAAATA  
 GTAATAGGGCTATTTAAATTTTGTAGTACTTTTTGGTTTTTTCAGGGCGTGCATTTCTGTCA  
 CTATCTCACTGAGTCTGATAGTGTGTTGAAGGTTGGCCAGTTGGGGACCCCTGGCCAC  
 TGACTCCTGGGGATGGGTCCTGTGTGTGCCCTGCTCTGCCAGTTGGGCTGAGTGGGC  
 CTAGCGCACCAAGCCCTGGGCAGTGAAGGCCATTGGGTCCTTGGAGCACACCTCAGTG  
 CAGCAGGAAGGACCCCTCCGGGAGTAGCGGTTGCATTTCCAGCTTGCTCTCCTGAAAA  
 GGCCCCCAAAAGTGTGGCCCCAATTTTCTCTATTTTGGGCCATCTGTGGTACCCGTC  
 CCAAGGGCACTTGGTGGTGTCCCTAGTGTGTGACTCCCTGGCCTCATAAGGACGAGTTG  
 TCTGAAATCCCAGCGTTAGTCTGGGAGATGGAGAAGCTGAAACTGGGGAGCTGCACCA  
 CAAACGTCTAGCTCTCAGCAGAGCTGGGAGCAAAGCCTGGCCGCCACCCCAACTGGGG  
 CTGCCTCCCACTCCGTGAGATGCTTCTGTCTCCTGTTCACTTTTGTGGTGTAGTTTCTTAT  
 TTTCAAAATGCATCTCATTGATCATTACTGTGACCTTGGGAAGCAGCAGGACAGGGATT  
 TCTTTTTAGAGGTGCAAAGTCTCAGAGGGGACACACCTCAGCCTCACTGTGGGTACA  
 CGTGGCGTGCCATGAGTGGGGAAGAGCAACAGGCGAGATGCCTCATTCTACTGGAACATC  
 ACTGTGGGTGAACAGAGATTTCCAGTTTTCCCTCTTAAATATTTGTCCCACACCGACA  
 AGAGTCCAGTACCAGGCCTCAAAGGAATTTCTGCTTGTAGCAGCCGCCTCCCCTGTGCC  
 CCAGCCTCCTAATGTGTGCACTCTCAGAGGGCACAGCTCGCGAGGCTGGGTTTGGGGC  
 CAAGTGGCTTGTTCATTCCAGCATCTAACATCATAAAGGTGGGCCAGATTTCTTGATTC  
 GACCACAGTGTCTTCTACCACACAAATATCCATTCTGTTTTTGTGAAGCAGCCACTG  
 GTCCTCTGTTTTCCCCTGCAGACGGAGGACCTGGCAGTGCCCATTCATTAGCCCCCTC  
 ATGCATACTTTTATTAGGCGATAGACTAGTTAAGAAAATTGTTTTCTATGTACTGTATATT  
 TTGTACCTGTTTACACTTCTAATATTGATATAACTGATATTTTAAAAATAAGAGAAAAC  
 ATCCTGTTAAATAAAACCTAACCCAGCACCAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_152557  
**Insert Size:** 3700 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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:**

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\\_152557.3](#), [NP\\_689770.3](#)

**RefSeq Size:** 3706 bp

**RefSeq ORF:** 1935 bp

**Locus ID:** 155061

**UniProt ID:** [Q6NUN9](#)

**Cytogenetics:** 7q36.1

**Gene Summary:** Transcription repressor that specifically binds to the 5'-TATTTT[T/G]-3' consensus sequence on promoters and repress transcription of PGC-1-alpha (PPARGC1A), thereby playing a role in regulation of neuron death.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The resulting isoform (2) lacks one residue near the C-terminus, compared to isoform 1.