

Product datasheet for **RG228982**

PARIS (ZNF746) (NM_001163474) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PARIS (ZNF746) (NM_001163474) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF746
Synonyms:	PARIS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG228982 representing NM_001163474
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCGAGGCGGTCCGGCTCCGATTTCTCCGTGGACGATGGCAGCCACGATTCAGGCCATGGAGAGGA
 AGATTGAATCGCAGGCTGCTCGCCTGCTTCCCTAGAAGGTGCAACCGGGATGGCCGAGAAGAAGCTGGC
 TGATTGCGAGAAGACAGCCGTGGAGTTCGGAACAGCTGGAGGCAAGTGGGCCGTGCTGGGGACCCTG
 CTGCAAGGAGTACGGGCTGCTGCAGAGCGGCTGGAGAAGCTGGAGAAGCTGCTGCGCAACAGGAAGTCT
 GGATCCTGCGGCTGCCCCGGGCAGCAAGGGGAGTCCCCTAAGGAGTGGGGCAAGCTGGAGGACTGGCA
 GAAGGAGCTCTACAAGCACGTGATGAGGGGCAACTACGAGACGCTGGTCTCCCTGGACTACGCCATCTCC
 AAGCCCGAGGTCCTCTCCAGATTGAACAAGGGAAGGAGCCCTGCAACTGGCGCCGCTGGCCCAAGA
 TTCCAGATGTTCTGTGGACCCAGTCCAGGCTCGGGGCCCCAGTTCGCGCCAGACCTTTGATGCA
 GATCAAGCAGGAGGTGAGCTCCAGCTCCAGGAGCAGCAGGCCCTGGGCGTGGAGGCGTGGGCAGCCGGG
 CAGCCAGATATTGGGAGGAGCCCTGGGCCTCAGCCAGCTGGATTCCGGAGCAGGAGACATCTCCACGG
 ATGCCACCTCTGGTGTCCATTCCAATTTCCACCACCATCCCGCCACCTCCTGGCAAACGGATCTCCC
 TCCCCACCATCCCTCTTACGATGCTCGGACGGGACCCTGAAGCTCAACACAGCAGCCTCCACGGAAGAT
 GTAAAAATTGTAATAAAAAAGAGTCCAGGAAGAGGAGTGGTGGCCACACCCGTACATCTACTGACC
 TAGAGGCTCACGGGACCTGTTTGGACAGGCCAAGCCACACGGTTCTTCCCTAGTCTGCCAGGAAGG
 AGCCTGGAAAGCCAGGGCAGCTCCTTCCCAGCCAGGACCCTGTGCTGGGGTGCAGAGCCCGCCCGG
 CCTGAGAGGACATGGGTGAGCTCAGTCTGCTGTGGCCAGGAGGAGACCCCTCCTGGGACTGGCTCT
 TCGGAGGGTCCGGTGGGGTGGAAATTTCCGGTGAACCCGAGTGGGCCTGAACCCGAGGACGGGGCC
 CGAGGGGCTTCTTACTCCTCCCGGACAACGGAGAGGCCATCTTGGACCCAGCCAGGCCCAAGGCCA
 TTCAACGAACCTGTAATACCTTGCCGACCAAGGCTTTGGCCACAAGCCAGGGCTGAAGAAGCACC
 CCGCGGCGCCCCGGGGCCGGCCCTTACCTGCGCCACGTGTGGGAAGAGCTTCCAGTGCAGTGCAG
 CCTGAGCGCGCACAGCGCAGCTGTGGGGCCCGACGGGTGGGGCCGGGCACAGGCGGTGGCGGAGC
 GGCAGTGGCGGCGGGTGGCGGACGGTGGGGCAGCGCACGGGATGGCAGCGCCCTTCGGTGTGGGG
 AGTGGCGCGTGTTCACGCGCCCGCGCACCTCATCCGCCATCGCATGCTGCACACCGCGGAGCGGCC
 CTTCCCTGCACCGAGTGTGAGAAGCGCTTACCGAACGCTCAAAGCTCATCGACCACTACCGAACGCAC
 ACGGGCGTGGCCCTTACCTGCACCGTCTGCGGCAAAAGCTTATCCGCAAGGACCACCTCCGCAAGC
 ACCAGCGCAACCATGCAGCGGGCCCAAGACCCCGGCCGAGGCCAGCCACTCCCGACGCGCCCGCACC
 TCTGATCCCTTCAAGAGCCCGCTCCAAAGGACCTTTGGCCTCCACAGACCTTGTGACCGACTGGACT
 TGTGGCCTCAGCGTCTGGGACCCACCGATGGCGGGGACATG

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG228982 representing NM_001163474
 Red=Cloning site Green=Tags(s)

MAEVAAPISPWMAATIQAAMERKIESQAARLLSLEGRMGMAEKKLADCEKTAVEFGNQLGKWAFLGTL
 LQEYGLLQRRLENVENLLRNRNFWILRLPPGSKGESPKWGLKLEDWQKELYKHVMRGNLYETLVSLDYAIS
 KPEVLSQIEQKPCNWRPGRPKIPDVPVDPSPGSGPPVPAPDLLMQIKQEGELLQEQALGVEAWAAG
 QPDIGEEPWGLSQLDSGAGDISTDATSGVHSNFSTTIPPTSWQTDLPHPHPSSACSDGTLKLNTAAS
 TDKIVIKTEVQEEVVATPVHPTDLEAHGTLFGPGQATRFPPSPAQEGAWESQGSFSPQDPVGLREPAR
 PERDMGELSPAVAQEETPPGDWLFGGVVRWGNFRCKPPVGLNPRTGPEGLPYSSPDNGEAILDPSQAPRP
 FNEPCKYPGRTKGFGHKPGLKKHPAAPPGRPFPTCATCGKSFQLQVLSAHRSCGAPDGSFGPTGGGGS
 GSGGGGGSGGGSARDGSALRCGECGRCFTRPAHLIRHMLHTGERPFPCTECKERFTERSKLIDHYRTH
 TGVRFPTCTVCGKSFIRKDHLRKHQRNHAAGAKTPARGQPLPTPPAPPDPFKSPASKGPLASTDLVTDWT
 CGLSVLGPTDGGDM

TRTRPLE - GFP Tag - V

OTI Disclaimer:	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 clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001163474.1 , NP_001156946.1
RefSeq Size:	3816 bp
RefSeq ORF:	1938 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]