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Product datasheet for RG201332

ZNF526 (NM_133444) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF526 (NM_133444) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF526
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

ORF Nucleotide Sequence:

>RG201332 representing NM_133444
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGAGGTGGTGGCTGAGGTGGCCGAGATGCCAACACAGATGTCACCAGGGGCAGTGGAGATGTCAA
CACCTATGTCGGCAGAGATGATGGAGATGTCAACAGAAGTGACTGAGATGACACCTGGGGAGGCCCTTGC
CTCATCCCTCTTCTTCCAGCATCACCAGTTCATGTGCTCTGAGTGTGGCAGCCTCTATAACACACTGGAG
GAAGTCCTCTCACACCAGGAGCAGCACATGCTTGCTGTCTCAGAGGAGGAGGCACTGACCACACAGAATG
TTGGCCTGGAGCCGGAGCTGGTGCCGGGTGCTGAGGGGCCCTTCCAGTGTGGTGAATGCAGCCAGCTCAT
CCTCTCCCCTGGGGAGCTCCTGGCCCACCAGGATGCCCACCTCCGAGAGTCTGCAAACCAGATCCAATAC
CAGTGCTGGGACTGCCAGGAGCTGTTCCCCTCGCCCGAGCTGTGGGTGGCTCATCGAAAGGCCCAGCACC
TTTCTGCTACGGTAGCTGAGCCACCAGTGCCACCTCCTTTGCCTCCCCCAACACCACTGCCTCCACCTTC
TCCCCCATCCGAAGTCAAGATGGAGCCCTATGAGTGTCCTGAGTGCTCTACCCTCTGCGCCACCCCTGAG
GAGTTCTTGGAGCATCAGGGCACCCACTTTGACTCCCTAGAGAAAGAGGAGCGCAATGGGTTGGAGGAGG
AGGAAGAGGACGATGAGGAGGATGAAGAAGATGATGAAGAGATGGAGGATGAGGAGGCCATGGCAGAGGT
CGGTGATGATGCTGTGGGAGGTGACGAGTCCACAGCTGGCTGGGCTCAGGGCTGCGGGGACTGTCCCCAG
CACCAGCCCTCAGCAGGGGCTCGCCGGCAACACCGGCGGACGGCTCACAGCCCGGCATCTGCCACCCACC
CCTTCCACTGCAGCCAGTGTCAGCGCAGTTTCAGCTCCGCCAACCGGCTGCAGGCTCATGGGCGGGCCCA
TGTTGGTGGCACACATGAGTGTACAACCTGCTCCAAGGTCTTCAAGAAAGCAGCATCGCTTGAGCAGCAC
TTGCGGCTGCATCGCGGGGAAGCCCGCTACCTCTGTGTAGACTGTGGCCGCGGCTTTGGCACAGAACTCA
CGTTGGTGGCTCACCGGCGGGCCCACACTGCCAACCCATTGCATCGCTGTCGTTGCGGCAAGACGTTCAG
CAACATGACCAAGTTCCTCTACCACCGGCGCACTCACGCCGGCAAAAGCGGGGCACCTCCCACAGGAGCA
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GCCCACAGTGCTCCAAGTCCTTTGCCTCAGCTTCCCGGCTGTCCCGGCACCGGCGTGCAGTACACGGGCC
CCCTGAACGGCGTCACCGCTGTGGGGTTTGTGGCAAGGGCTTCAAGAAGCTGATCCACGTGCGCAACCAC
CTGCGGACACACACGGGTGAGAGGCCCTTCCAGTGCCACTCATGTGGCAAGACCTTTGCTTTTTTGGCCA
ACCTCAGCCGCCACCAGCTGACCCATACGGGTGCACGTCCCTACCAATGCCTGGACTGTGGCAAGCGCTT
CACACAGAGCTCCAACCTGCAGCAGCACCGGCGGTTGCACTTGCGGCCAGTCGCCTTTGCCCGCGCCCCC
CGCCTCCCCATCACTGGTCTCTACAACAAGAGTCCCTACTACTGCGGGACTTGTGGCCGCTGGTTCCGCG
CCATGGCGGGCTTGCGACTGCATCAGCGGGTCCATGCCCGAGCTCGGACTTTGACGCTACAGCCTCCCAG
ATCACCATCTCCTGCCCCACCCCCACCTCCAGAGCCTCAACAGACTATCATGTGCACAGAGCTGGGGGAG
ACCATCGCCATCATTGAGACATCCCAGCCACTGGCGCTTGAGGACACCCTGCAGCTGTGCCAGGCTGCAC
TGGGGGCCAGTGAAGCAGGCGGGCTCTTGCAGTTGGACACGGCCTTCGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

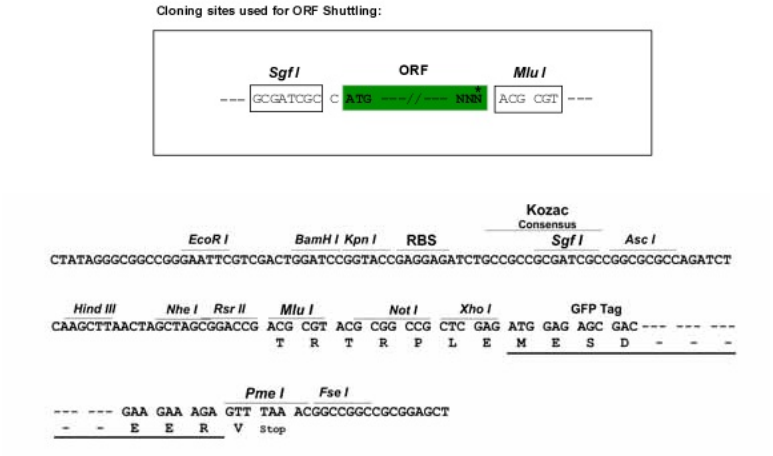
>RG201332 representing NM_133444
Red=Cloning site Green=Tags(s)

MAEVVAEVAEMPTQMSPGAVEMSTPMSAEMMEMSTEVTEMTPGEALASSLFFQHHQFMCSECGSLYNTLE
EVLSHQEQHMLAVSEEEALTTQNVGLEPELVPGAEGPFQCGECSQLILSPGELLAHQDAHLRESANQIQY
QCWDCQELFPSPELWVAHRKAQHLSATVAEPPVPPPLPPPTPLPPPSPPSEVKMEPYECPECSTLCATPE
EFLEHQGTHFDSLEKEERNGLEEEEEDDEEDEEDDEEMEDEEAMAEVGDDAVGGDESTAGWAQGCGDCPQ
HQPSAGARRQHRRTAHSPASATHPFHCSQCQRSFSSANRLQAHGRAHVGGTHECTTCSKVFKKAASLEQH
LRLHRGEARYLCVDCGRGFGTELTLVAHRRAHTANPLHRCRCGKTFSNMTKFLYHRRTHAGKSGAPPTGA
TAPPAPAEPTPPPPPPAPPAQLPCPQCSKSFASASRLSRHRRAVHGPPERRHRCGVCGKGFKKLIHVRNH
LRTHTGERPFQCHSCGKTFAFLANLSRHQLTHTGARPYQCLDCGKRFTQSSNLQQHRRLHLRPVAFARAP
RLPITGLYNKSPYYCGTCGRWFRAMAGLRLHQRVHARARTLTLQPPRSPSPAPPPPPEPQQTIMCTELGE
TIAIIETSQPLALEDTLQLCQAALGASEAGGLLQLDTAFV

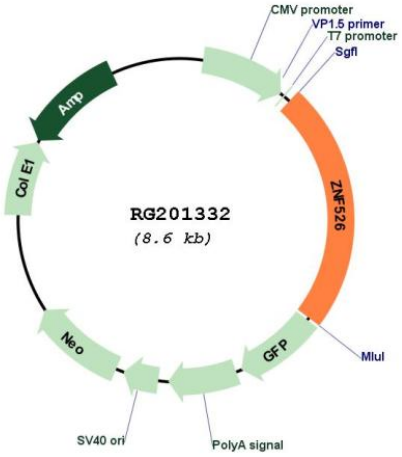
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_133444
ORF Size:	2010 bp
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:	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_133444.1, NP_597701.1
RefSeq Size:	3954 bp
RefSeq ORF:	2013 bp
Locus ID:	116115
UniProt ID:	Q8TF50
Cytogenetics:	19q13.2
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]