

## Product datasheet for **RG237392**

### TSEN34 (NM\_001282333) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TSEN34 (NM_001282333) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TSEN34
Synonyms:	LENG5; PCH2C; SEN34; SEN34L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237392 representing NM_001282333. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
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CCCCTCCGCTTCCACGCCATTATATCGCTCAGTGTGGGCCCTGAGGACACCATCCCACTCCAAGAC
CTGGTTGCTGCTGGGCGCCTTGAACCAGCGTCAGAAAGACCTGCTCCTCTGTTCTCCGCAGCCTGAT
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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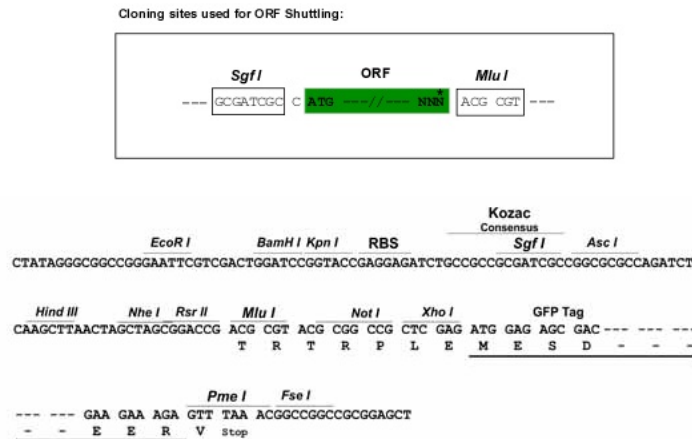
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237392  
 Blue=ORF Red=Cloning site Green=Tag(s)

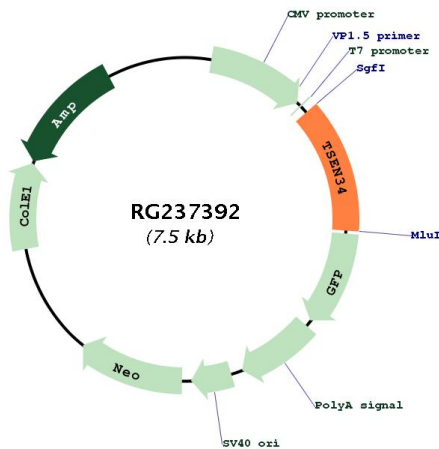
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 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
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Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001282333

<b>ORF Size:</b>	936 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_001282333.1</a> , <a href="#">NP_001269262.1</a>
<b>RefSeq Size:</b>	1832 bp
<b>RefSeq ORF:</b>	939 bp
<b>Locus ID:</b>	79042
<b>Cytogenetics:</b>	19q13.42
<b>MW:</b>	33.9 kDa
<b>Gene Summary:</b>	This gene encodes a catalytic subunit of the tRNA splicing endonuclease, which catalyzes the removal of introns from precursor tRNAs. The endonuclease complex is also associated with a pre-mRNA 3-prime end processing factor. A mutation in this gene results in the neurological disorder pontocerebellar hypoplasia type 2. Multiple alternatively spliced variants, encoding the same protein, have been identified.[provided by RefSeq, Oct 2009]