

## Product datasheet for **RC200954L2V**

### **TSEN34 (NM\_024075) Human Tagged ORF Clone Lentiviral Particle**

#### Product data:

<b>Product Type:</b>	Lentiviral Particles
<b>Symbol:</b>	TSEN34
<b>Synonyms:</b>	LENG5; PCH2C; SEN34; SEN34L
<b>Mammalian Cell Selection:</b>	None
<b>Vector:</b>	pLenti-C-mGFP (PS100071)
<b>Tag:</b>	mGFP
<b>ACCN:</b>	NM_024075
<b>ORF Size:</b>	930 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC200954).

**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.

<b>RefSeq:</b>	<a href="#">NM_024075.2</a>
<b>RefSeq Size:</b>	2294 bp
<b>RefSeq ORF:</b>	933 bp
<b>Locus ID:</b>	79042
<b>UniProt ID:</b>	<a href="#">Q9BSV6</a>
<b>Cytogenetics:</b>	19q13.42



**Domains:** tRNA\_int\_endo

**MW:** 33.7 kDa

**Gene Summary:** 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]