

## Product datasheet for **RC221705L4V**

### **TTLL11 (NM\_194252) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	TTLL11 (NM_194252) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TTLL11
Synonyms:	bA244O19.1; C9orf20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_194252
ORF Size:	1614 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221705).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_194252.2</a> , <a href="#">NP_919228.2</a>
RefSeq Size:	2023 bp
RefSeq ORF:	1347 bp
Locus ID:	158135
UniProt ID:	<a href="#">Q8NHH1</a>
Cytogenetics:	9q33.2
MW:	57.9 kDa



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**Gene Summary:**

Polyglutamase which preferentially modifies alpha-tubulin. Involved in the side-chain elongation step of the polyglutamylation reaction rather than in the initiation step (By similarity). Required for CCSAP localization to both spindle and cilia microtubules (PubMed:22493317). Generates long side-chains (By similarity).[UniProtKB/Swiss-Prot Function]