

Product datasheet for **RC226239L4V**

TTL6 (NM_001130918) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	TTL6
Synonyms:	TTL.6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001130918
ORF Size:	2673 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC226239).

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.

RefSeq:	NM_001130918.1
RefSeq ORF:	2676 bp
Locus ID:	284076
UniProt ID:	Q8N841
Cytogenetics:	17q21.32
MW:	101.1 kDa



Gene Summary:

Polyglutamylase which preferentially modifies alpha-tubulin. Mediates tubulin polyglutamylation in cilia. Involved in the side-chain elongation step of the polyglutamylation reaction rather than in the initiation step. Generates long side-chains. Generates polyglutamylation of CGAS, leading to impair the DNA-binding activity of CGAS.
[UniProtKB/Swiss-Prot Function]