

## Product datasheet for **RC209276L2V**

### TUBA3D (NM\_080386) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TUBA3D (NM_080386) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TUBA3D
Synonyms:	H2-ALPHA; KTCN9; TUBA2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_080386
ORF Size:	1350 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209276).
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_080386.1</a> , <a href="#">NP_525125.1</a>
RefSeq Size:	1646 bp
RefSeq ORF:	1353 bp
Locus ID:	113457
UniProt ID:	<a href="#">Q13748</a>
Cytogenetics:	2q21.1
Protein Families:	Druggable Genome
Protein Pathways:	Gap junction, Pathogenic Escherichia coli infection



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**MW:** 50 kDa

**Gene Summary:** This gene encodes a member of the alpha tubulin family. Tubulin is a major component of microtubules, which are composed of alpha- and beta-tubulin heterodimers and microtubule-associated proteins in the cytoskeleton. Microtubules maintain cellular structure, function in intracellular transport, and play a role in spindle formation during mitosis. [provided by RefSeq, Oct 2011]