

## Product datasheet for **RC203945L2V**

### beta IV Tubulin (TUBB4A) (NM\_006087) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	beta IV Tubulin (TUBB4A) (NM_006087) Human Tagged ORF Clone Lentiviral Particle
Symbol:	beta IV Tubulin
Synonyms:	beta-5; DYT4; TUBB4
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006087
ORF Size:	1332 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203945).
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_006087.2</a>
RefSeq Size:	2583 bp
RefSeq ORF:	1335 bp
Locus ID:	10382
UniProt ID:	<a href="#">P04350</a>
Cytogenetics:	19p13.3
Domains:	tubulin
Protein Families:	Druggable Genome



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**Protein Pathways:** Gap junction, Pathogenic Escherichia coli infection

**MW:** 49.6 kDa

**Gene Summary:** This gene encodes a member of the beta tubulin family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. Mutations in this gene cause hypomyelinating leukodystrophy-6 and autosomal dominant torsion dystonia-4. Alternate splicing results in multiple transcript variants encoding different isoforms. A pseudogene of this gene is found on chromosome X. [provided by RefSeq, Jan 2014]