

Product datasheet for **RC209279L3V**

TUBA3E (NM_207312) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | TUBA3E (NM_207312) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | TUBA3E |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_207312 |
| ORF Size: | 1350 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC209279). |
| 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_207312.1 , NP_997195.1 |
| RefSeq Size: | 1554 bp |
| RefSeq ORF: | 1353 bp |
| Locus ID: | 112714 |
| UniProt ID: | Q6PEY2 |
| Cytogenetics: | 2q21.1 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Gap junction, Pathogenic Escherichia coli infection |
| MW: | 49.9 kDa |



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Gene Summary:

Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. This gene encodes an alpha tubulin that highly conserved among species. A missense mutation in this gene has been potentially linked to microlissencephaly and global developmental delay. [provided by RefSeq, Jul 2016]