

## Product datasheet for **MR220476L3V**

### Tubb2b (NM\_023716) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Tubb2b (NM_023716) Mouse Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Tubb2b   |
| Synonyms:                 | 2410129E14Rik; brdp  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_023716  |
| ORF Size:                 | 1335 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR220476).   |
| 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_023716.2</a> , <a href="#">NP_076205.1</a>  |
| RefSeq Size:              | 1922 bp  |
| RefSeq ORF:               | 1338 bp  |
| Locus ID:                 | 73710  |
| UniProt ID:               | <a href="#">Q9CWF2</a>   |
| Cytogenetics:             | 13 A3.3  |



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**Gene Summary:**

Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain. Plays a critical role in proper axon guidance in both central and peripheral axon tracts. Implicated in neuronal migration.[UniProtKB/Swiss-Prot Function]