

Product datasheet for **RC209688L3V**

Tau tubulin kinase 2 (TTBK2) (NM_173500) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Tau tubulin kinase 2 (TTBK2) (NM_173500) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Tau tubulin kinase 2 |
| Synonyms: | SCA11; TTBK |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_173500 |
| ORF Size: | 3732 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC209688). |
| 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_173500.2 |
| RefSeq Size: | 5613 bp |
| RefSeq ORF: | 3735 bp |
| Locus ID: | 146057 |
| UniProt ID: | Q6IQ55 |
| Cytogenetics: | 15q15.2 |
| Protein Families: | Druggable Genome, Protein Kinase |
| MW: | 137.2 kDa |


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Gene Summary:

This gene encodes a serine-threonine kinase that putatively phosphorylates tau and tubulin proteins. Mutations in this gene cause spinocerebellar ataxia type 11 (SCA11); a neurodegenerative disease characterized by progressive ataxia and atrophy of the cerebellum and brainstem. [provided by RefSeq, Aug 2009]