

## Product datasheet for **RC210346L3V**

### **TBC1D24 (NM\_020705) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	TBC1D24 (NM_020705) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TBC1D24
Synonyms:	DEE16; DFNA65; DFNB86; DOORS; EIEE16; EPRPDC; FIME; TLDC6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_020705
ORF Size:	1659 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210346).
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_020705.1</a>
RefSeq Size:	6589 bp
RefSeq ORF:	1662 bp
Locus ID:	57465
UniProt ID:	<a href="#">Q9ULP9</a>
Cytogenetics:	16p13.3
MW:	62.3 kDa



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**Gene Summary:**

This gene encodes a protein with a conserved domain, referred to as the TBC domain, characteristic of proteins which interact with GTPases. TBC domain proteins may serve as GTPase-activating proteins for a particular group of GTPases, the Rab (Ras-related proteins in brain) small GTPases which are involved in the regulation of membrane trafficking. Mutations in this gene are associated with familial infantile myoclonic epilepsy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2011]