

## Product datasheet for **RC207980L4V**

### **TBC1D1 (NM\_015173) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	TBC1D1 (NM_015173) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TBC1D1
Synonyms:	TBC; TBC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015173
ORF Size:	3504 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207980).
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_015173.2</a>
RefSeq Size:	5705 bp
RefSeq ORF:	3507 bp
Locus ID:	23216
UniProt ID:	<a href="#">Q86TI0</a>
Cytogenetics:	4p14
Domains:	TBC
Protein Families:	Druggable Genome



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**MW:** 133.1 kDa

**Gene Summary:** TBC1D1 is the founding member of a family of proteins sharing a 180- to 200-amino acid TBC domain presumed to have a role in regulating cell growth and differentiation. These proteins share significant homology with TRE2 (USP6; MIM 604334), yeast Bub2, and CDC16 (MIM 603461) (White et al., 2000 [PubMed 10965142]).[supplied by OMIM, Mar 2008]