

## Product datasheet for **RC224087L4V**

### TSC22D1 (NM\_183422) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TSC22D1 (NM_183422) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TSC22D1
Synonyms:	Ptg-2; TGFB114; TSC22
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_183422
ORF Size:	3219 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224087).
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_183422.3</a>
RefSeq Size:	6196 bp
RefSeq ORF:	3222 bp
Locus ID:	8848
UniProt ID:	<a href="#">Q15714</a>
Cytogenetics:	13q14.11
Protein Families:	Transcription Factors
MW:	109.7 kDa



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**Gene Summary:**

This gene encodes a member of the TSC22 domain family of leucine zipper transcription factors. The encoded protein is stimulated by transforming growth factor beta, and regulates the transcription of multiple genes including C-type natriuretic peptide. The encoded protein may play a critical role in tumor suppression through the induction of cancer cell apoptosis, and a single nucleotide polymorphism in the promoter of this gene has been associated with diabetic nephropathy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2011]