

Product datasheet for **MR201596L4V**

Tcf21 (NM_011545) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tcf21 (NM_011545) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tcf21
Synonyms:	bHLHa23; capsulin; epc; epicardin; Pod-1; Pod1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011545
ORF Size:	537 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201596).
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_011545.1
RefSeq Size:	1240 bp
RefSeq ORF:	540 bp
Locus ID:	21412
UniProt ID:	O35437
Cytogenetics:	10 10.33 cM



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Gene Summary:

Involved in epithelial-mesenchymal interactions in kidney and lung morphogenesis that include epithelial differentiation and branching morphogenesis. May be involved in the organogenesis of the spleen and heart and in cardiac and coronary artery development. May function in the development and sex differentiation of gonad via transcriptional regulation of AD4BP/SF-1.[UniProtKB/Swiss-Prot Function]