

Product datasheet for **RC208913L4V**

TCF7L1 (NM_031283) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TCF7L1 (NM_031283) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TCF7L1
Synonyms:	TCF-3; TCF3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031283
ORF Size:	1764 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208913).
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_031283.2
RefSeq Size:	2932 bp
RefSeq ORF:	1767 bp
Locus ID:	83439
UniProt ID:	Q9HCS4
Cytogenetics:	2p11.2
Protein Families:	Druggable Genome, Transcription Factors



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Protein Pathways:	Acute myeloid leukemia, Adherens junction, Arrhythmogenic right ventricular cardiomyopathy (ARVC), Basal cell carcinoma, Colorectal cancer, Endometrial cancer, Melanogenesis, Pathways in cancer, Prostate cancer, Thyroid cancer, Wnt signaling pathway
MW:	62.6 kDa
Gene Summary:	This gene encodes a member of the T cell factor/lymphoid enhancer factor family of transcription factors. These transcription factors are activated by beta catenin, mediate the Wnt signaling pathway and are antagonized by the transforming growth factor beta signaling pathway. The encoded protein contains a high mobility group-box DNA binding domain and participates in the regulation of cell cycle genes and cellular senescence. [provided by RefSeq, Nov 2010]