

Product datasheet for **RC220294L2V**

TCF12 (NM_207040) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TCF12 (NM_207040) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TCF12
Synonyms:	bHLHb20; CRS3; HEB; HsT17266; HTF4; p64; TCF-12
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_207040
ORF Size:	1536 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220294).
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_207040.1
RefSeq Size:	3995 bp
RefSeq ORF:	1539 bp
Locus ID:	6938
UniProt ID:	Q99081
Cytogenetics:	15q21.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	55 kDa



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Gene Summary:

The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH) E-protein family that recognizes the consensus binding site (E-box) CANNTG. This encoded protein is expressed in many tissues, among them skeletal muscle, thymus, B- and T-cells, and may participate in regulating lineage-specific gene expression through the formation of heterodimers with other bHLH E-proteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]