

Product datasheet for **RC205006L4V**

TWIST2 (NM_057179) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TWIST2 (NM_057179) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TWIST2
Synonyms:	AMS; BBR SAY; bHLHa39; DERMO1; FFDD3; SETLSS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_057179
ORF Size:	480 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205006).
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_057179.1
RefSeq Size:	1186 bp
RefSeq ORF:	483 bp
Locus ID:	117581
UniProt ID:	Q8WVJ9
Cytogenetics:	2q37.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	18.1 kDa



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Gene Summary:

The protein encoded by this gene is a basic helix-loop-helix type transcription factor and shares similarity with Twist. This protein may inhibit osteoblast maturation and maintain cells in a preosteoblast phenotype during osteoblast development. This gene may be upregulated in certain cancers. Mutations in this gene cause focal facial dermal dysplasia 3, Setleis type. Two transcript variants encoding the same protein have been found. [provided by RefSeq, Apr 2014]