

Product datasheet for **RC203465L2V**

SIX1 (NM_005982) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SIX1 (NM_005982) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SIX1
Synonyms:	BOS3; DFNA23; TIP39
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005982
ORF Size:	852 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203465).
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_005982.1
RefSeq Size:	2687 bp
RefSeq ORF:	855 bp
Locus ID:	6495
UniProt ID:	Q15475
Cytogenetics:	14q23.1
Protein Families:	Transcription Factors
MW:	32.2 kDa



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Gene Summary:

The protein encoded by this gene is a homeobox protein that is similar to the Drosophila 'sine oculis' gene product. This gene is found in a cluster of related genes on chromosome 14 and is thought to be involved in limb development. Defects in this gene are a cause of autosomal dominant deafness type 23 (DFNA23) and branchiootoc syndrome type 3 (BOS3). [provided by RefSeq, Jul 2008]