

Product datasheet for **RC216286L4V**

SIX3 (NM_005413) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SIX3 (NM_005413) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SIX3
Synonyms:	HPE2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005413
ORF Size:	996 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216286).
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_005413.1 , NP_005404.1
RefSeq Size:	1926 bp
RefSeq ORF:	999 bp
Locus ID:	6496
UniProt ID:	O95343
Cytogenetics:	2p21
Protein Families:	Druggable Genome
MW:	35.3 kDa



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Gene Summary:

This gene encodes a member of the sine oculis homeobox transcription factor family. The encoded protein plays a role in eye development. Mutations in this gene have been associated with holoprosencephaly type 2. [provided by RefSeq, Oct 2009]