

Product datasheet for **RC214143L4V**

SIX homeobox 4 (SIX4) (NM_017420) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SIX homeobox 4 (SIX4) (NM_017420) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SIX homeobox 4
Synonyms:	AREC3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017420
ORF Size:	2343 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214143).
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_017420.2
RefSeq Size:	6214 bp
RefSeq ORF:	2346 bp
Locus ID:	51804
UniProt ID:	Q9UIU6
Cytogenetics:	14q23.1
MW:	82.8 kDa


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Gene Summary:

This gene encodes a member of the homeobox family, subfamily SIX. The drosophila homolog is a nuclear homeoprotein required for eye development. Studies in mouse show that this gene product functions as a transcription factor, and may have a role in the differentiation or maturation of neuronal cells. [provided by RefSeq, May 2010]