

Product datasheet for **RC219896L4V**

RAX (NM_013435) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RAX (NM_013435) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAX
Synonyms:	MCOP3; RX
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013435
ORF Size:	1038 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219896).
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_013435.1
RefSeq Size:	1775 bp
RefSeq ORF:	1041 bp
Locus ID:	30062
UniProt ID:	Q9Y2V3
Cytogenetics:	18q21.32
Protein Families:	Druggable Genome
MW:	36.5 kDa



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Gene Summary:

This gene encodes a homeobox-containing transcription factor that functions in eye development. The gene is expressed early in the eye primordia, and is required for retinal cell fate determination and also regulates stem cell proliferation. Mutations in this gene have been reported in patients with defects in ocular development, including microphthalmia, anophthalmia, and coloboma.[provided by RefSeq, Oct 2009]