

## Product datasheet for RC218992L2V

### SRC3 (NCOA3) (NM\_006534) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SRC3 (NCOA3) (NM_006534) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SRC3
Synonyms:	ACTR; AIB-1; AIB1; bHLHe42; CAGH16; CTG26; KAT13B; pCIP; RAC3; SRC-3; SRC3; TNRC14; TNRC16; TRAM-1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006534
ORF Size:	4260 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218992).
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. <a href="#">More info</a>
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:	<a href="#">NM_006534.2</a>
RefSeq Size:	7923 bp
RefSeq ORF:	4263 bp
Locus ID:	8202
UniProt ID:	<a href="#">Q9Y6Q9</a>
Cytogenetics:	20q13.12
Domains:	PAS, HLH



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**Protein Families:** Druggable Genome, Transcription Factors

**MW:** 154.7 kDa

**Gene Summary:** The protein encoded by this gene is a nuclear receptor coactivator that interacts with nuclear hormone receptors to enhance their transcriptional activator functions. The encoded protein has histone acetyltransferase activity and recruits p300/CBP-associated factor and CREB binding protein as part of a multisubunit coactivation complex. This protein is initially found in the cytoplasm but is translocated into the nucleus upon phosphorylation. Several transcript variants encoding different isoforms have been found for this gene. In addition, a polymorphic repeat region is found in the C-terminus of the encoded protein. [provided by RefSeq, Mar 2010]