

## Product datasheet for RC230714L4V

### SRC3 (NCOA3) (NM\_001174088) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SRC3 (NCOA3) (NM_001174088) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NCOA3
Synonyms:	ACTR; AIB-1; AIB1; bHLHe42; CAGH16; CTG26; KAT13B; pCIP; RAC3; SRC-3; SRC3; TNRC14; TNRC16; TRAM-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001174088
ORF Size:	4245 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230714).
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_001174088.1</a>
RefSeq ORF:	4248 bp
Locus ID:	8202
UniProt ID:	<a href="#">Q9Y6Q9</a>
Cytogenetics:	20q13.12
Protein Families:	Druggable Genome, Transcription Factors
MW:	154.9 kDa



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**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]