

OriGene Technologies, Inc.

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Product datasheet for RC218992L3

SRC3 (NCOA3) (NM_006534) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRC3 (NCOA3) (NM_006534) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	SRC3
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-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218992).
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:

 Sgf I
 ORF
 Mlu I

 -- GCG ATC GC
 ATG --- // --- NNÑ
 ACG CGT
 --

GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TGGGTAGGAAG D L A A N D I L D Y K D D D D K V

 $\ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: ORF Size: NM_006534 4260 bp



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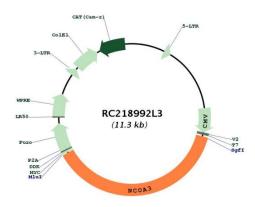
ORÎGENE SRC3 (NCOA3) (NM_006534) Human Tagged Lenti ORF Clone – RC218992L3
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <u>custsupport@origene.com</u> or by calling 301.340.3188 option 3 for pricing and delivery.
	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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 006534.2</u>
RefSeq Size:	7923 bp
RefSeq ORF:	4263 bp
Locus ID:	8202
UniProt ID:	<u>Q9Y6Q9</u>
Cytogenetics:	20q13.12
Domains:	PAS, HLH
Protein Families:	Druggable Genome, Transcription Factors
MW:	154.7 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]

Product images:



Circular map for RC218992L3

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