

Product datasheet for **SC329352**

SRC3 (NCOA3) (NM_001174088) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRC3 (NCOA3) (NM_001174088) Human Untagged Clone
Tag:	Tag Free
Symbol:	NCOA3
Synonyms:	ACTR; AIB-1; AIB1; bHLHe42; CAGH16; CTG26; KAT13B; pCIP; RAC3; SRC-3; SRC3; TNRC14; TNRC16; TRAM-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001174088 edited

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AAGATGAGTGGATTAGGAGAAAACCTGGATCCACTGGCCAGTGATTACGAAAACGCAA
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Restriction Sites: Please inquire
ACCN: NM_001174088
Insert Size: 4200 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001174088.1.
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:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. 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_001174088.1, NP_001167559.1</u>
RefSeq Size:	7969 bp
RefSeq ORF:	4248 bp
Locus ID:	8202
UniProt ID:	<u>Q9Y6Q9</u>
Cytogenetics:	20q13.12
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) uses three alternate in-frame splice sites compared to variant 1, resulting in a shorter isoform (d) compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>