

## Recombinant Human NCOA1, His-tagged

**Cat. No.** NCOA1-29750TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 627-786 of human KAT13A / SRC1, cloned into an expression vector that contains a specific 15 residue consensus biotinylation peptide and the coding sequence of the biotin ligase.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	627-786 a.a.
<b>Description</b>	The protein encoded by this gene acts as a transcriptional coactivator for steroid and nuclear hormone receptors. It is a member of the p160/steroid receptor coactivator (SRC) family and like other family members has histone acetyltransferase activity and contains a nuclear localization signal, as well as bHLH and PAS domains. The product of this gene binds nuclear receptors directly and stimulates the transcriptional activities in a hormone-dependent fashion. Alternatively spliced transcript variants encoding different isoforms have been identified.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Widely expressed.
<b>Form</b>	Liquid
<b>Purity</b>	Immunogen affinity purified

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<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequence Similarities</b>	Belongs to the SRC/p160 nuclear receptor coactivator family. Contains 1 basic helix-loop-helix (bHLH) domain. Contains 1 PAS (PER-ARNT-SIM) domain.

## GENE INFORMATION

<b>Gene Name</b>	NCOA1 nuclear receptor coactivator 1 [ Homo sapiens ]
<b>Official Symbol</b>	NCOA1
<b>Synonyms</b>	NCOA1; nuclear receptor coactivator 1; bHLHe74; F SRC 1; KAT13A; NCoA 1; RIP160; SRC1;
<b>Gene ID</b>	8648
<b>mRNA Refseq</b>	NM_003743
<b>Protein Refseq</b>	NP_003734
<b>MIM</b>	602691
<b>Uniprot ID</b>	Q15788
<b>Chromosome Location</b>	2p23
<b>Pathway</b>	Adipogenesis, organism-specific biosystem; Androgen Receptor Signaling Pathway,

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organism-specific biosystem; Developmental Biology, organism-specific biosystem;  
Energy Metabolism, organism-specific biosystem; Fatty acid, triacylglycerol, and  
ketone body metabolism, organism-specific biosystem;

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