

Recombinant Human NCOA1, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	627-786 a.a.
Description	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.
Conjugation	HIS
Tissue specificity	Widely expressed.
Form	Liquid
Purity	Immunogen affinity purified

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Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	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

Gene Name	NCOA1 nuclear receptor coactivator 1 [Homo sapiens]
Official Symbol	NCOA1
Synonyms	NCOA1; nuclear receptor coactivator 1; bHLHe74; F SRC 1; KAT13A; NCoA 1; RIP160; SRC1;
Gene ID	8648
mRNA Refseq	NM_003743
Protein Refseq	NP_003734
MIM	602691
Uniprot ID	Q15788
Chromosome Location	2p23
Pathway	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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