Recombinant Human NCOA1, His-tagged

Cat. No. NCOA1-29751TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 627-786 of Human KAT13A / SRC1, with a His tag, Predicted MWt 18 kDa.
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.
Biological activity	1 unit equals 1 nanogram of purified protein.
Form	Liquid

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Pathway	Adipogenesis, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Energy Metabolism, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA