

Active Recombinant Human NCOA1, RI Domain, TEV Cleavage Site

Cat. No. NCOA1-1162H Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	Steroid receptor coactivator 1 (SRC1) is a transcriptional coactivator that mediates the activating functions of many of the nuclear hormone receptors. It is also known as NCoA1 and is a member of the SRC/p160 coactivator family. SRC1 has been shown to be over expressed in some cancers. SRC1 is a 160 kDa protein that contains several LXXLL motifs, which are involved in nuclear receptor interaction. The region 627-786 contains 3 LXXLL motifs that are involved in interaction with nuclear hormone receptors and has been previously used in assays detecting liganddependent receptor-cofactor interactions. This protein contains the Tobacco Etch virus (TEV) protease site and can be cleaved using acTEV to yield untagged SRC1 RID. This protein will be useful for assays where a native untagged protein is desired.
Form	Liquid. Supplied in 20 mM Tris-HCl pH 8.0, 100 Mm KCl, 0.2 mM EDTA, 1 mM DTT and 20% glycerol.
Purity	> 95% by SDS-PAGE.
Activity	100 ng are sufficient for a protein-protein interaction assay.

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Application	Recombinant SCR1 (627-786) can be used for proteinprotein interaction assays.
Usage	For in vitro use only.
Storage	Quality guaranteed for 12 months store at -80°C. Avoid freeze / thaw cycles.
GENE INFORMATION	
Gene Name	NCOA1 nuclear receptor coactivator 1 [Homo sapiens]
Synonyms	NCOA1; nuclear receptor coactivator 1; SRC1; KAT13A; RIP160; F-SRC-1; bHLHe42; bHLHe74; MGC129719; MGC129720; Hin-2 protein; OTTHUMP00000155181; OTTHUMP00000155182; PAX3/NCOA1 fusion protein; steroid receptor coactivator-1; EC 2.3.1.48; OTTHUMP00000155183; NCoA-1; RIP160; SRC-1; Protein Hin-2; Renal carcinoma antigen NY-REN-52; Steroid receptor coactivator 1; nuclear receptor coactivator 1
Gene ID	8648
mRNA Refseq	NM_003743
Protein Refseq	NP_003734
MIM	602691
UniProt ID	Q15788
Chromosome Location	2p23
Function	DNA binding; acyltransferase activity; androgen receptor binding; chromatin binding;

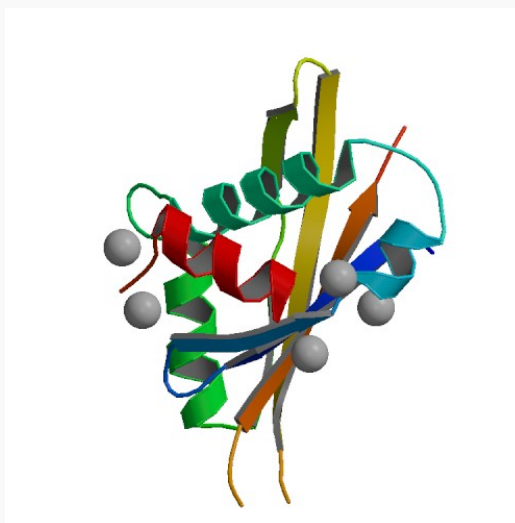
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histone acetyltransferase activity; nuclear hormone receptor binding; protein N-terminus binding; signal transducer activity; transcription coactivator activity; transcription regulator activity; transferase activity

PDB rendering based
on 1oj5.



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