Recombinant Human NCOA1 Protein, His-tagged

Cat. No. NCOA1-2481H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCOA1 Protein (Ser2-Phe195) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser2-Phe195
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.3 kDa Accurate Molecular Mass: 25 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	NCOA1 nuclear receptor coactivator 1 [Homo sapiens (human)]
Official Symbol	NCOA1
Synonyms	NCOA1; nuclear receptor coactivator 1; bHLHe74; F SRC 1; KAT13A; NCoA 1; RIP160; SRC1; Hin-2 protein; PAX3/NCOA1 fusion protein; steroid receptor coactivator-1; renal carcinoma antigen NY-REN-52; class E basic helix-loop-helix protein 74; F-SRC-1; bHLHe42; MGC129719; MGC129720;
Gene ID	8648
mRNA Refseq	NM_003743
Protein Refseq	NP_003734

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MIM	602691
UniProt ID	Q15788

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