

Recombinant Human NCOR1, FLAG-tagged

Cat. No. NCOR1-28430TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human Nuclear Receptor Corepressor NCoR with DDDDK tag expressed in Baculovirus system; amino acids 1-2440, 270kDa.
Species	Human
ProteinLength	1-2440 a.a.
Description	This gene encodes a protein that mediates ligand-independent transcription repression of thyroid-hormone and retinoic-acid receptors by promoting chromatin condensation and preventing access of the transcription machinery. It is part of a complex which also includes histone deacetylases and transcriptional regulators similar to the yeast protein Sin3p. This gene is located between the Charcot-Marie-Tooth and Smith-Magenis syndrome critical regions on chromosome 17. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 17 and 20.
Conjugation	FLAG
Biological activity	NCOR1-28430TH has been tested for deacetylation activity in vitro in the presence of HDAC3.
Form	Liquid
Purity	>95% by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris Cl, 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 N-CoR nuclear receptor corepressors family. Contains 2 SANT domains.
Full Length	Full L.

GENE INFORMATION

Gene Name	NCOR1 nuclear receptor corepressor 1 [Homo sapiens]
Official Symbol	NCOR1
Synonyms	NCOR1; nuclear receptor corepressor 1; nuclear receptor co repressor 1; hCIT529I10; hN CoR; KIAA1047; MGC104216; N CoR; thyroid hormone and retinoic acid receptor associated corepressor 1; TRAC1;
Gene ID	9611
mRNA Refseq	NM_001190438
Protein Refseq	NP_001177367
MIM	600849
Uniprot ID	O75376

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Chromosome Location	17p11.2
Pathway	Adipogenesis, organism-specific biosystem; BMAL1:CLOCK/NPAS2 Activates Gene Expression, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Circadian Clock, organism-specific biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem;
Function	histone deacetylase binding; histone deacetylase regulator activity; protein binding; retinoid X receptor binding; sequence-specific DNA binding;

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