

Recombinant Human NCOR1 protein, His & T7-tagged

Cat. No. NCOR1-1705H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCOR1 aa. (Met1~Val284 (Accession # O75376)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Val284
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.
Form	Freeze-dried powder
Molecular Mass	40kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%

 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

Applications	SDS-PAGE; WB; ELISA; IP.
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°C 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°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
Isoelectric Point	6.7

GENE INFORMATION

Gene Name	NCOR1 nuclear receptor corepressor 1 [Homo sapiens (human)]
Official Symbol	NCOR1
Synonyms	NCOR1; nuclear receptor corepressor 1; N-CoR; TRAC1; N-CoR1; hN-CoR; PPP1R109; nuclear receptor corepressor 1; protein phosphatase 1, regulatory subunit 109; thyroid hormone- and retinoic acid receptor-associated corepressor 1
Gene ID	9611
mRNA Refseq	NM_001190438.1

 Tel: 1-631-559-9269 1-516-512-3133

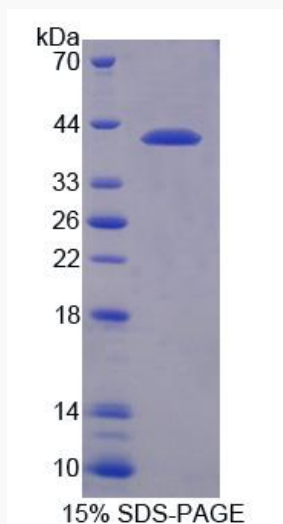
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq NP_001177367.1

UniProt ID O75376

SDS-PAGE



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