Active Recombinant Human NCOR1/HDAC3 Protein, GST-tagged

Cat. No. NCOR1-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCOR1/HDAC3(NCOR1 amino acids 397-503) fused with GST tag was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	NCOR1 amino acids 397-503
Description	Approximately 1:1 stoichiometric complex of recombinant human HDAC3 (histone deacetylase 3) with a GST fusion protein comprising the Deacetylase Activation Domain (DAD) of human NCOR1 (amino acids 397-503; SANT1 domain plus amino flanking residues). Produced by coexpression of HDAC3 with a GST-NCOR1(DAD) construct in an insect cell system, the complex displays ~100-fold higher deacetylase activity than isolated HDAC3 (based on equal weights HDAC3 assayed at a saturating concentration (100μM) of a fluorogenic peptide substrate p53 379-382, K(Ac)382).This HDAC3 preparation is active with various fluorogenic peptide substrates, including FLUOR DE LYS® Substrate and FLUOR DE LYS®-SIRT1 (p53 379-382, K(Ac)382).
Form	Liquid. In 50mM TRIS, pH 8.0, 138 mM NaCl and 10% glycerol.
Bio-activity	≥150 U/μg.

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Molecular Mass	49/40 kDa
Purity	≥90% (SDS-PAGE)
Storage	Store at -80 centigrade

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; nuclear receptor co-repressor 1; thyroid hormone- and retinoic acid receptor-associated corepressor 1; N-CoR; N-CoR1; hN-CoR;
Gene ID	9611
mRNA Refseq	NM_001190438
Protein Refseq	NP_001177367
MIM	600849
UniProt ID	O75376

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