

Recombinant Human Nuclear Receptor Corepressor 2, GST-tagged

Cat. No. NCOR2-1889H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NCOR2 DAD domain (amino acids 395-489) with N-terminal GST tag.
Species	Human
Source	E.coli
Protein Length	395-489 a.a.
Description	NCOR2 are transcriptional corepressors that play an essential role in the regulation of development and metabolism. The interaction of HDAC3 with the deacetylase activation domain (DAD) of NCOR2 is required for activation of the otherwise inert deacetylase.
Form	Liquid in 50 mM Tris-HCl, pH 8.0 + 138 mM NaCl + 20 mM glutathione + 10% glycerol.
Molecular Weight	39 kDa
Applications	Enzyme kinetics; Screening inhibitors; Selectivity profiling. The optimal antibody concentration should be determined for each specific application.
storage	Stable for 6 months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
Official Symbol	NCOR2

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Pathways

Adipogenesis; Androgen Receptor Signaling Pathway; Delta-Notch Signaling Pathway; Developmental Biology; Fatty acid triacylglycerol; Metabolism of lipids and lipoproteins; Notch signaling pathway; Notch-mediated HES/HEY network; RXR and RAR heterodimerization with other nuclear receptor; Regulation of Lipid Metabolism by Peroxisome proliferator-activated receptor alpha (PPARalpha); Retinoic acid receptors-mediated signaling

GENE INFORMATION

Gene Name

NCOR2 nuclear receptor corepressor 2 [Homo sapiens]

Synonyms

NCOR2; nuclear receptor corepressor 2; SMRT; TRAC; CTG26; SMRTE; TRAC1; N-CoR2; TNRC14; TRAC-1; SMAP270; FLJ25011; SMRTE-tau; nuclear receptor corepressor 2; OTTHUMP00000197398; OTTHUMP00000197399; OTTHUMP00000197400; OTTHUMP00000197402; CTG repeat protein 26; T3 receptor-associating factor; thyroid-, retinoic-acid-receptor-associated corepressor; silencing mediator for retinoid and thyroid hormone receptors

Gene ID

9612

mRNA Refseq

NM_006312

Protein Refseq

NP_006303

MIM

600848

UniProt ID

Q9BT61

Chromosome Location

12q24

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Function	Notch binding; chromatin binding; histone deacetylase binding; protein N-terminus binding; protein binding; sequence-specific DNA binding; transcription corepressor activity
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PDB rendering based on 1xc5.

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