Recombinant Human NR0B1, His-tagged

Cat. No. NR0B1-11833H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR0B1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	202-380a.a.
Description	This gene encodes a protein that contains a DNA-binding domain. The encoded protein acts as a dominant-negative regulator of transcription which is mediated by the retinoic acid receptor. This protein also functions as an anti-testis gene by acting antagonistically to Sry. Mutations in this gene result in both X-linked congenital adrenal hypoplasia and hypogonadotropic hypogonadism.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	NR0B1 nuclear receptor subfamily 0, group B, member 1 [Homo sapiens]

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Official Symbol	NR0B1
Synonyms	NR0B1; nuclear receptor subfamily 0, group B, member 1; AHC, dosage sensitive sex reversal , DSS; nuclear receptor subfamily 0 group B member 1; AHCH; DAX1; nuclear receptor DAX1; nuclear receptor DAX-1; nuclear hormone receptor; DSS-AHC critical region on the X chromosome protein 1; AHC; AHX; DSS; GTD; HHG; DAX-1; NROB1; SRXY2;
Gene ID	190
mRNA Refseq	NM_000475
Protein Refseq	NP_000466
MIM	300473
UniProt ID	P51843
Chromosome Location	Xp21.3
Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem; Regulation of Androgen receptor activity, organism-specific biosystem;
Function	AF-2 domain binding; DNA binding; DNA hairpin binding; RNA binding; double-stranded DNA binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; ligand-activated sequence-specific DNA binding RNA polymerase

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