

## 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°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 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 ]

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Official Symbol</b>	NR0B1
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">190</a>
<b>mRNA Refseq</b>	<a href="#">NM_000475</a>
<b>Protein Refseq</b>	<a href="#">NP_000466</a>
<b>MIM</b>	<a href="#">300473</a>
<b>UniProt ID</b>	<a href="#">P51843</a>
<b>Chromosome Location</b>	Xp21.3
<b>Pathway</b>	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;
<b>Function</b>	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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