Recombinant Human NR0B1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NR0B1-2810H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NR0B1 MS Standard C13 and N15-labeled recombinant protein (NP_000466) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	51.7 kDa
AA Sequence	MAGENHQWQGSILYNMLMSAKQTRAAPEAPETRLVDQCWGCSCGDEPGVGREGL LGGRNVALLYRCCFCGKDHPRQGSILYSMLTSAKQTYAAPKAPEATLGPCWGCSC GSDPGVGRAGLPGGRPVALLYRCCFCGEDHPRQGSILYSLLTSSKQTHVAPAAPEA RPGGAWWDRSYFAQRPGGKEALPGGRATALLYRCCFCGEDHPQQGSTLYCVPTS TNQAQAAPEERPRAPWWDTSSGALRPVALKSPQVVCEAASAGLLKTLRFVKYLPCF QVLPLDQQLVLVRNCWASLLMLELAQDRLQFETVEVSEPSMLQKILTTRRRETGGN EPLPVPTLQHHLAPPAEARKVPSASQVQAIKCFLSKCWSLNISTKEYAYLKGTVLFNP DVPGLQCVKYIQGLQWGTQQILSEHTRMTHQGPHDRFIELNSTLFLLRFINANVIAEL

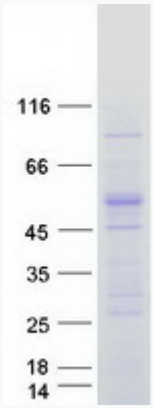
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	FFRPIIGTVSMDDMMLEMLCTKITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NR0B1 nuclear receptor subfamily 0 group B member 1 [Homo sapiens (human)]
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

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MIM	300473
UniProt ID	P51843
SDS-PAGE	

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