

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 QVLPLDQQLVLRNCWASLLMLELAQDRLQFETVEVSEPSMLQKILTTRRRETGGN EPLPVPTLQHHLAPPAEARKVPSASQVQAIKFLSKCWSLNIKEYAYLKGTVLFNP DVPGLQCVKYIQGLQWGTQQILSEHTRMTHQGPHDRFIELNSTLFLRRFINANVIAEL

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



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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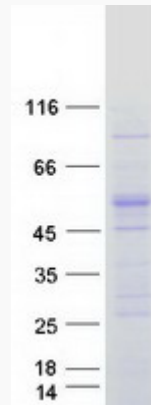
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MIM 300473

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SDS-PAGE



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