

Product datasheet for PH304187

NR0B1 (NM_000475) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NR0B1 MS Standard C13 and N15-labeled recombinant protein (NP_000466)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204187
Predicted MW:	51.7 kDa
Protein Sequence:	>RC204187 protein sequence Red=Cloning site Green=Tags(s)

MAGENHQWQGSILYNMLMSAKQTRAAPEAPETRLVDQCWGCSCGDEPGVGREGLLGGRNVALLYRCCFCG
KDHPRQGSILYSMLTSAKQTYAAPKAPEATLGPCWGCSCGSDPGVGRAGLPGGRPVALLYRCCFCGEDHP
RQGSILYSLTSSKQTHVAPAAPEARPGGAWWDRSYFAQRPGGKEALPGGRATALLYRCCFCGEDHPQQG
STLYCVPTSTNQAQAAPEERPRAPWWDTSAGALRPVALKSPQVVCEAASAGLLKTLRFVKYLPFCVQLPL
DQQLVLRNCWASLLMLELAQDRLQFETVEVSEPSMLQKILTRRRETGGNEPLPVPTLQHHLAPPAEAR
KVPSASQVQAICKFLSKCWSLNIISTKEYAYLKGTVLFNPDVPLQCVKYIQGLQWGTQQILSEHTRMTHQ
GPHDRFIELNSTLFLRRFINANVIAELFFRPIIGTVSMDDMMLEMLCTKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_000466</u>
RefSeq Size:	1591
RefSeq ORF:	1410
Synonyms:	AHC; AHCH; AHX; DAX-1; DAX1; DSS; GTD; HHG; NROB1; SRXY2



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Locus ID: 190

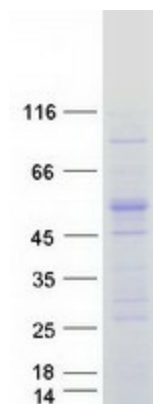
UniProt ID: [P51843](#), [F1D8P4](#)

Cytogenetics: Xp21.2

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Product images:



Coomassie blue staining of purified NR0B1 protein (Cat# [TP304187]). The protein was produced from HEK293T cells transfected with NR0B1 cDNA clone (Cat# [RC204187]) using MegaTran 2.0 (Cat# [TT210002]).