

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

Cat. No. RORB-6489H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RORB MS Standard C13 and N15-labeled recombinant protein (NP_008845) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the NR1 subfamily of nuclear hormone receptors. It is a DNA-binding protein that can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The encoded protein has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation, and to help regulate the expression of some genes involved in circadian rhythm.
Molecular Mass	52.1 kDa
AA Sequence	MRAQIEVIPCKICGDKSSGIHYGVITCEGCKGFFRRSQNNASYSCPRQRNCLIDRT NRNRCQHCRLLQKCLALGMSRDAVKFGRMSKKQRDSLAEVQKHQQRLQEQRQQ QSGEAEALARVYSSSISNGLSNLNNETSGTYANGHVIDLPKSEGYYNVDSGQPSPD QSGLDMTGIKQIKQEPIYDLTSVPNLFTYSSFNNGQLAPGITMTEIDRIAQNIKSHLET CQYTMEELHQLAWQTHTYEEIKAYQSKSREALWQQCAIQITHAIQYVVEFAKRITGF MELCQNDQILLKSGCLEVVLVRMCRAFNPLNNTVLFEGKYGGMQMFKALGSDDL

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NEAFDFAKNLCSLQLTEEEIALFSSAVLISPDRAWLIEPRKVQKLQEKIYFALQHVIQK
 NHLDDETLAKLIAKIPTITAVCNLHGEKLQVFKQSHPEIVNTLFPPLYKELFNPDCATG
 CKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 RORB RAR-related orphan receptor B [Homo sapiens (human)]

Official Symbol RORB

Synonyms RORB; RAR-related orphan receptor B; nuclear receptor ROR-beta; NR1F2; ROR BETA; RZRB; nuclear receptor RZR-beta; RAR-related orphan receptor beta; retinoic acid-binding receptor beta; retinoid-related orphan receptor beta; retinoid-related orphan receptor-beta; nuclear receptor subfamily 1 group F member 2; ROR-BETA; RZR-BETA; bA133M9.1;

Gene ID 6096

mRNA Refseq NM_006914

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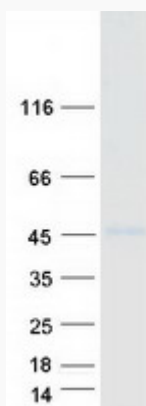
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Protein Refseq NP_008845

MIM 601972

UniProt ID Q92753

SDS-PAGE



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