

Recombinant Human RORB 293 Cell Lysate

Cat. No. RORB-2246HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for RAR-related orphan receptor B (RORB) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

RORB RAR-related orphan receptor B [Homo sapiens]

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

Protein Refseq

NP_008845

MIM

601972

UniProt ID

Q92753

**Chromosome
Location**

9q22

Pathway

Circadian rhythm - mammal, organism-specific biosystem; Circadian rhythm - mammal, conserved biosystem; Gene Expression, organism-specific biosystem;

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Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem;

Function

ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid hormone receptor activity; zinc ion binding;

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