

Recombinant Human Retinoic acid receptor beta, GST-tagged

Cat. No. RARB-112H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-tagged Retinoic acid receptor beta ligand-binding domain (RARB-LBD) consists of a 218 a.a. GST tag, a 14 a.a. flexible linker and a 281 a.a. RARB-LBD, Acc# AAH60794.1, amino acids 168-448. GST tagged RARB-LBD was expressed in baculovirus-infected insect cells and purified using affinity chromatography.
Species	Human
Source	Sf9 Cells
Description	Retinoic acid receptor beta (RAR-beta or RARB) is also known as NR1B2 (nuclear receptor subfamily 1, group B, member 2).
Form	20 mM Na-P pH 8.0, 40 mM KCl, 20 mM Na ₂ MoO ₄ , 7 mM reduced glutathione, 15% glycerol.
Purity	>90%
Applications	Ligand binding and coactivator peptide recruitment assays.
Storage	Immediately store at -80°C. Avoid freeze-thaw cycles. While working, please keep sample on ice.

GENE INFORMATION

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Gene Name	RARB retinoic acid receptor, beta [Homo sapiens]
Official Symbol	RARB
Synonyms	RARB; retinoic acid receptor, beta; retinoic acid receptor beta; HAP; NR1B2; RRB2; RAR-beta; RAR-epsilon; HBV-activated protein; retinoic acid receptor beta 2; retinoic acid receptor beta 4; retinoic acid receptor beta 5; hepatitis B virus activated protein; retinoic acid receptor beta variant 1; retinoic acid receptor beta variant 2; retinoic acid receptor, beta polypeptide; nuclear receptor subfamily 1 group B member 2; MGC97363;
Gene ID	5915
mRNA Refseq	NM_000965
Protein Refseq	NP_000956
MIM	180220
UniProt ID	P10826
Chromosome Location	3p24
Pathway	Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Non-small cell lung cancer, organism-specific biosystem; Non-small cell lung cancer, conserved biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem; Nuclear receptors in lipid metabolism and toxicity, organism-specific biosystem;

Function

DNA binding; metal ion binding; receptor activity; retinoic acid receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid hormone receptor activity; zinc ion binding;

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