Recombinant Human NR1H4, GST-tagged

Cat. No. NR1H4-117H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-tagged Farnesoid X receptor ligand-binding domain (FXR-LBD) consists of a 218 a.a. GST tag, a 13 a.a. flexible linker and a 246 a.a. FXR-LBD, Acc# AAI30574.1, amino acids 231-476, was expressed in baculovirus-infected insect cells and purified using affinity chromatography.
Species	Human
Source	Sf9 Cells
Description	Farnesoid X receptor (FXR) is also known as nuclear receptor subfamily 1, group H, member 4 (NR1H4).
Form	50 mM Tris-HCl pH 8.0, 150 mM NaCl, 0.5 mM EDTA, 3 mM Dithiothreitol, 7 mM reduced glutathione, 20% glycerol.
Purity	>90%
Applications	Ligand binding and coactivator peptide recruitment assays.
Storage	Immediately store at -80℃. Avoid freeze-thaw cycles.While working, please keep sample on ice.

GENE INFORMATION

Gene Name	NR1H4 nuclear receptor subfamily 1, group H, member 4 [Homo sapiens]

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Official Symbol	NR1H4
Synonyms	NR1H4; nuclear receptor subfamily 1, group H, member 4; bile acid receptor; FXR; HRR 1; HRR1; RIP14; farnesol receptor HRR-1; RXR-interacting protein 14; farnesoid X nuclear receptor; farnesoid X-activated receptor; retinoid X receptor-interacting protein 14; BAR; HRR-1; MGC163445;
Gene ID	9971
mRNA Refseq	NM_001206977
Protein Refseq	NP_001193906
MIM	603826
UniProt ID	Q96RI1
Chromosome Location	12q23.1
Pathway	Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear receptors in lipid metabolism and toxicity, organism-specific biosystem; RXR and RAR heterodimerization with other nuclear receptor, organism-specific biosystem;
Function	RNA polymerase II distal enhancer sequence-specific DNA binding; RNA polymerase II transcription factor binding transcription factor activity involved in positive regulation of transcription; bile acid binding; bile acid binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; ligand-dependent nuclear

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	receptor binding; metal ion binding; protein binding; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; steroid hormone receptor activity; thyroid hormone receptor activity; transcription coactivator activity; transcription corepressor activity; zinc ion binding;

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