

## Recombinant Human NR1H2, GST-tagged

Cat. No. NR1H2-115H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human GST-tagged Liver X receptor beta ligand-binding domain (LXRB-LBD) consists of a 218 a.a. GST tag, a 13 a.a. flexible linker and a 266 a.a. LXRB-LBD, Acc# AAH74500.1, amino acids 196-461, was expressed in baculovirus-infected insect cells and purified using affinity chromatography.

**Species** Human

**Source** Sf9 Cells

**Description** Liver X receptor beta (LXR- $\beta$  or LXRB) is encoded by the NR1H2 gene (nuclear receptor subfamily 1, group H, member 2).

**Form** 20 mM Na-P pH 8.0, 40 mM KCl, 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

**Gene Name** NR1H2 nuclear receptor subfamily 1, group H, member 2 [ Homo sapiens ]

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<b>Official Symbol</b>	NR1H2
<b>Synonyms</b>	NR1H2; nuclear receptor subfamily 1, group H, member 2; ubiquitously expressed nuclear receptor , UNR; oxysterols receptor LXR-beta; liver X receptor beta; LXR b; NER; NER I; RIP15; LX receptor beta; nuclear receptor NER; liver X nuclear receptor beta; nuclear orphan receptor LXR-beta; steroid hormone-nuclear receptor NER; ubiquitously-expressed nuclear receptor; UNR; LXRB; LXR-b; NER-I; FLJ17564;
<b>Gene ID</b>	<a href="#">7376</a>
<b>mRNA Refseq</b>	<a href="#">NM_001256647</a>
<b>Protein Refseq</b>	<a href="#">NP_001243576</a>
<b>MIM</b>	<a href="#">600380</a>
<b>UniProt ID</b>	<a href="#">P55055</a>
<b>Chromosome Location</b>	19q13.3
<b>Pathway</b>	Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem;
<b>Function</b>	DNA binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; protein binding; receptor activity; retinoid X receptor binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid hormone receptor activity; zinc ion binding;

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