

Recombinant Human NR1H3, GST-tagged

Cat. No. NR1H3-116H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-tagged Liver X receptor alpha ligand-binding domain (LXRA-LBD) consists of a 218 a.a. GST tag, a 13 a.a. flexible linker and a 241 a.a. LXRA-LBD, Acc# NP_005684.2, amino acids 207-447, was expressed in baculovirus-infected insect cells and purified using affinity chromatography.
Species	Human
Source	Sf9 Cells
Description	Liver X receptor alpha (LXR-alpha or LXRA) is also known as oxysterols receptor or NR1H3 (nuclear receptor subfamily 1, group H, member 3).
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°C. Avoid freeze-thaw cycles. While working, please keep sample on ice.

GENE INFORMATION

Gene Name NR1H3 nuclear receptor subfamily 1, group H, member 3 [Homo sapiens]

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	NR1H3
Synonyms	NR1H3; nuclear receptor subfamily 1, group H, member 3; oxysterols receptor LXR-alpha; liver X receptor alpha; LXR a; RLD 1; liver X nuclear receptor alpha variant 1; LXRA; LXR-a; RLD-1;
Gene ID	10062
mRNA Refseq	NM_001130101
Protein Refseq	NP_001123573
MIM	602423
UniProt ID	Q13133
Chromosome Location	11p11.2
Pathway	Adipogenesis, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem;
Function	DNA binding; cholesterol binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; protein binding; protein heterodimerization activity; receptor activity; retinoid X receptor binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid hormone receptor activity; sterol response element binding; transcription coactivator activity; transcription regulatory region DNA binding;

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contributes_to transcription regulatory region DNA binding; transcription regulatory region DNA binding; zinc ion binding;

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