

Recombinant Human ESRRA, GST-tagged

Cat. No. ESRRA-123H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-tagged Estrogen-related receptor alpha ligand-binding domain (ESRRA-LBD) consists of a 218 a.a. GST tag, a 13 a.a. flexible linker and a 244 a.a. ESRRA-LBD, Acc# AAH92470.1, amino acids 180-423, was expressed in baculovirus-infected insect cells and purified using affinity chromatography.
Species	Human
Source	Sf9 Cells
Description	Estrogen-related receptor alpha (ERR- α or ESRRA) is also known as NR3B1 (nuclear receptor subfamily 3, group B, member 1).
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 ESRRA estrogen-related receptor alpha [Homo sapiens]

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Official Symbol	ESRRA
Synonyms	ESRRA; estrogen-related receptor alpha; ESRL1; steroid hormone receptor ERR1; ERR1; ERRa; ERRalpha; NR3B1; ERR-alpha; estrogen receptor-like 1; estrogen-related nuclear receptor alpha; nuclear receptor subfamily 3 group B member 1;
Gene ID	2101
mRNA Refseq	NM_004451
Protein Refseq	NP_004442
MIM	601998
UniProt ID	P11474
Chromosome Location	11q12
Pathway	Energy Metabolism, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Mitochondrial Gene Expression, organism-specific biosystem;
Function	DNA binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; protein binding; protein domain specific binding; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid binding; steroid hormone receptor activity; zinc ion binding;

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