

Recombinant Human ESRRB, GST-tagged

Cat. No. ESRRB-124H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-tagged Estrogen-related receptor beta ligand-binding domain (ESRRB-LBD) consists of a 218 a.a. GST tag, a 16 a.a. flexible linker and a 304 a.a. ESRRB-LBD, Acc# AAI31518.1, was expressed in baculovirus-infected insect cells and purified using affinity chromatography.
Species	Human
Source	Sf9 Cells
Description	Estrogen-related receptor beta (ESRRB, ERR β , ERR2) is also known as nuclear receptor subfamily 3, group B, member 2 (NR3B2).
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	>80%
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	ESRRB estrogen-related receptor beta [Homo sapiens]
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Official Symbol	ESRRB
Synonyms	ESRRB; estrogen-related receptor beta; deafness, autosomal recessive 35 , DFNB35, ESRL2; steroid hormone receptor ERR2; ERR2; ERRb; ERRbeta; NR3B2; ERR-beta; ERRbeta-2; ERR beta-2; nuclear receptor ERRB2; orphan nuclear receptor; estrogen receptor-like 2; estrogen-related nuclear receptor beta; nuclear receptor subfamily 3 group B member 2; ESRL2; DFNB35;
Gene ID	2103
mRNA Refseq	NM_004452
Protein Refseq	NP_004443
MIM	602167
UniProt ID	O95718
Chromosome Location	14q24.3
Pathway	Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem; Wnt Signaling Pathway and Pluripotency, organism-specific biosystem;
Function	RNA polymerase II distal enhancer sequence-specific DNA binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid binding; steroid hormone receptor activity; transcription coactivator activity; transcription factor binding; zinc ion binding;

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