

Recombinant Human ESRRG, GST-tagged

Cat. No. ESRRG-125H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-tagged Estrogen-related receptor gamma ligand-binding domain (ESRRG-LBD) consists of a 218 a.a. GST tag, a 15 a.a. flexible linker and a 224 a.a. ESRRG-LBD, Acc# NP_001429, amino acids 235-458, was expressed in baculovirus-infected insect cells and purified using affinity chromatography.
Species	Human
Source	Sf9 Cells
Description	Estrogen-related receptor gamma (ERR-gamma or ESRRG) is also known as NR3B3 (nuclear receptor subfamily 3, group B, 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	ESRRG estrogen-related receptor gamma [Homo sapiens]
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Official Symbol	ESRRG
Synonyms	ESRRG; estrogen-related receptor gamma; ERR gamma-2; estrogen receptor-related protein 3; nuclear receptor subfamily 3 group B member 3; ERR3; NR3B3; ERRgamma; FLJ16023; KIAA0832; DKFZp781L1617;
Gene ID	2104
mRNA Refseq	NM_001134285
Protein Refseq	NP_001127757
MIM	602969
UniProt ID	P62508
Chromosome Location	1q41
Pathway	Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem;
Function	AF-2 domain binding; metal ion binding; receptor activity; retinoic acid receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid binding; steroid hormone receptor activity; zinc ion binding;