

## Recombinant Human ESRRG, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>Description</b>	Estrogen-related receptor gamma (ERR-gamma or ESRRG) is also known as NR3B3 (nuclear receptor subfamily 3, group B, member 3).
<b>Form</b>	50 mM Tris-HCl pH 8.0, 150 mM NaCl, 0.5 mM EDTA, 3 mM Dithiothreitol, 7 mM reduced glutathione, 20% glycerol.
<b>Purity</b>	>90%
<b>Applications</b>	Ligand binding and coactivator peptide recruitment assays.
<b>Storage</b>	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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<b>Official Symbol</b>	ESRRG
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">2104</a>
<b>mRNA Refseq</b>	<a href="#">NM_001134285</a>
<b>Protein Refseq</b>	<a href="#">NP_001127757</a>
<b>MIM</b>	<a href="#">602969</a>
<b>UniProt ID</b>	<a href="#">P62508</a>
<b>Chromosome Location</b>	1q41
<b>Pathway</b>	Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem;
<b>Function</b>	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;

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