

Recombinant Human Progesterone receptor LBD/Hsp90 complex, GST-tagged

Cat. No. PGR-106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-tagged Progesterone receptor ligand-binding domain (PR-LBD) consists of a 218 a.a. GST tag, a 31 a.a. flexible linker and a 305 a.a. PR-LBD, Acc# NP_000917, amino acids 630-933. A complex of human PR-LBD with human Hsp90 (PR-LBD/Hsp90) was produced in insect cells co-infected with two recombinant baculoviruses. GST tagged PR-LBD and Hsp90 are the major components of the complex.
Species	Human
Source	Sf9 Cells
Form	20 mM Na-P pH 8.0, 40 mM KCl, 20 mM Na ₂ MoO ₄ , 5 mM DTT, 7 mM reduced glutathione, 15% 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	PGR progesterone receptor [Homo sapiens]
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Official Symbol	PGR
Synonyms	PGR; progesterone receptor; NR3C3; PR; nuclear receptor subfamily 3 group C member 3;
Gene ID	5241
mRNA Refseq	NM_000926
Protein Refseq	NP_000917
MIM	607311
UniProt ID	P06401
Chromosome Location	11q22-q23
Pathway	Cellular roles of Anthrax toxin, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem; Nuclear signaling by ERBB4, organism-specific biosystem; Oocyte meiosis, organism-specific biosystem;
Function	DNA binding; enzyme binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; protein binding; receptor activity; receptor binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid binding; steroid hormone receptor activity; zinc ion binding;

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