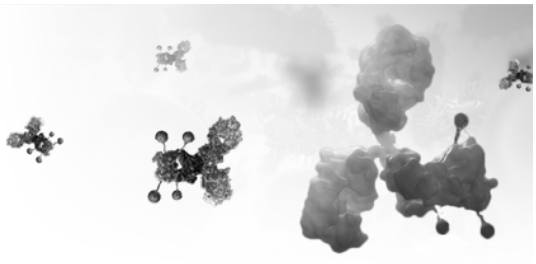

PGR blocking peptide (DAG-P0035)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the steroid receptor superfamily. The encoded protein mediates the physiological effects of progesterone, which plays a central role in reproductive events associated with the establishment and maintenance of pregnancy. This gene uses two distinct promotors and translation start sites in the first exon to produce two isoforms, A and B. The two isoforms are identical except for the additional 165 amino acids found in the N-terminus of isoform B and mediate their own response genes and physiologic effects with little overlap. [provided by RefSeq, Jan 2011]
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the nuclear hormone receptor family. NR3 subfamily.Contains 1 nuclear receptor DNA-binding domain.
Format	Liquid
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	PGR progesterone receptor [Homo sapiens (human)]
Official Symbol	PGR
Synonyms	PGR; progesterone receptor; PR; NR3C3; nuclear receptor subfamily 3 group C member 3;
Entrez Gene ID	5241

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mRNA Refseq	NM_000926.4
Protein Refseq	NP_000917.3
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; Oocyte meiosis, conserved biosystem; Ovarian Infertility Genes, organism-specific biosystem; Progesterone-mediate
Function	DNA binding; enzyme binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; protein binding; receptor binding; sequence-specific DNA binding; steroid binding; steroid hormone receptor activity; zinc ion bin

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