

Recombinant Human PGR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PGR-5861H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PGR MS Standard C13 and N15-labeled recombinant protein (NP_000917) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 promoters and translation start sites in the first exon to produce several transcript variants, both protein coding and non-protein coding. Two of the isoforms (A and B) are identical except for an additional 165 amino acids found in the N-terminus of isoform B and mediate their own response genes and physiologic effects with little overlap.
Molecular Mass	98.8 kDa
AA Sequence	MTELKAKGPRAPHVAGGPPSPEVGSPLLCRPAAGPFPQSQTSDLXEVSAIPISLDG LLFPRPCQGQDPSDEKTQDQQSLSDVEGAYSRAEATRGAGGSSSSPPEKDSGLLD SVLDTLLAPSGPGQSQPSPACEVTSSWCLFGPELPEDPPAAPATQRVLSPLMSRS GCKVGDSSGTAAAHKVLPRGLSPARQLLLPASESPHWSGAPVKPSPQAAAVEVEE EDGSESEESAGPLLK GKPRALGGAAAGGGAAAVPPGAAAGGVALVPKEDSRFSAP

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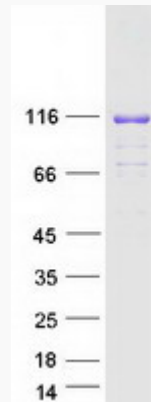
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 EFPEMMSEVIAAQLPKILAGMVKPLLFFHKKTRRLEQKLISEEDLAANDILDYKDDDDK
 V

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PGR progesterone receptor [Homo sapiens (human)]
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

SDS-PAGE

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