

Recombinant Dog PGR Protein, His&GST-tagged

Cat. No. PGR-1182D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog PGR Protein (Gln685-Ile919) with His&GST tag was expressed in E. coli.
Species	Dog
Source	E.coli
ProteinLength	Gln685-Ile919
Description	The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Depending on the isoform, progesterone receptor functions as transcriptional activator or repressor.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.3 kDa; Accurate Molecular Mass: 60 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

 Tel: 1-631-559-9269 1-516-512-3133

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

PGR progesterone receptor [*Canis lupus familiaris* (dog)]

Official Symbol

PGR

Synonyms

PGR; progesterone receptor; nuclear receptor subfamily 3 group C member 3; PR;

Gene ID

403621

mRNA Refseq

NM_001003074

Protein Refseq

NP_001003074

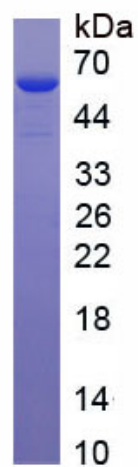
UniProt ID

Q9GLW0

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