



Recombinant Sheep Progesterone receptor (PGR)

Product Code	CSB-EP017875SH
Abbreviation	PGR
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q28590
Product Type	Recombinant Protein
Immunogen Species	Ovis aries (Sheep)
Purity	>85% (SDS-PAGE)
Sequence	EASQSPQYSF ESLPQKICLI CGDEASGCHY GVLTCGSCVK FFKRAMEGQH NYLCAGRNDK IVDKIRRKNC PACRLRKCCQ AGMVLGGRKF KKFNKVRVMR TLDAVALPQP VGIPNESQAL SQRITFSPSQ DLQLIPPLIN LLMSIEPDMV YAGHDNSKPD TSSSLTSLN QLGERQLLSV VKWSKSLPGF RNLHIDDQIT LIQYSWMSLM VFGLGWRYSYK HVSGQMLYFA PDLILNEQRM KESSFYSLCL TMWQIPQEFV KLQVSQEEFL CMKVLNLLNT IPLEGLRSQN QFEEMRSSYI RELIKAIGLR QKGVVPSSQR FYQLTKLLDN LHDLVKQLHL YCLNTFIQSR ALSVEFPEMM SEVIAAQLPK ILAGMVK
Source	E.coli
Target Names	PGR
Protein Names	Recommended name: Progesterone receptor Short name= PR Alternative name(s): Nuclear receptor subfamily 3 group C member 3
Expression Region	1-377
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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 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. The location of transcription initiation for isoform A has not been clearly determined.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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