

产品名称: GMP Recombinant Human Prolactin
产品货号: PCH90057



概述 (Summary)

英文全称	Prolactin
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	≤10 EU/mg
蛋白构建 (Construction)	Recombinant Human Prolactin is produced by our Mammalian cell expression system and the target gene encoding Leu28-Cys227 is expressed.
Accession #	P01236
蛋白标签 (Tag)	Tag free
表达宿主 (Host)	Mammalian cell
种属 (Species)	Human
预测分子量 (Predicted MW)	21.8 kDa
蛋白形态 (Form)	Lyophilized
储存缓冲液 (Buffer)	PBS, 5% mannitol and 0.01% Tween 80, pH7.4
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	36 months at -20°C to -80°C in lyophilized state. 6 months at -20°C to -80°C under sterile conditions after reconstitution. 7-10 days at 2°C to 8°C under sterile conditions after reconstitution. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景 (Background)

分子别名 (Alternative Names)	Prolactin; PRL;
背景介绍 (References)	Prolactin (gene name PRL) is a secreted neuroendocrine pituitary hormone that acts primarily on the mammary gland to promote lactation, but has pleiotropic effects in both males and females. Prolactin is synthesized as a prohormone. Following cleavage of the signal peptide, the length of the mature hormone is between 194 and 199 amino acids, depending on species. Hormone structure is stabilized by three intramolecular disulfide bonds. Excessive secretion of prolactin - hyperprolactinemia - is a relative common disorder in humans. This condition has numerous causes, including prolactin-

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secreting tumors and therapy with certain drugs. The prolactin receptor (gene name PRLR) is a transmembrane type I glycoprotein that belongs to the cytokine hematopoietic receptor family. Expression of the prolactin receptor is widespread. Each prolactin molecule is thought to bind two receptor molecules

注意事项 (Note)

For research use only .