

Active Recombinant Human PRL protein

Cat. No. PRL-56H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PRL protein(P01236) (Leu29-Cys227) was expressed with an N-terminal Met.
Species	Human
Source	E.coli
ProteinLength	29-227 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to induce PRL pathway activation in a Luciferase receptor Assay System. The ED50 for this effect is typically 5-30 ng/mL.
Molecular Mass	The recombinant Human PRL consists of 200 amino acids and predicts a molecular mass of 23.03 kDa.
Endotoxin	< 10 EU per mg of the protein.
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	PRL prolactin [Homo sapiens]
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Official Symbol	PRL
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Synonyms	PRL; prolactin; decidual prolactin;
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Gene ID	5617
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mRNA Refseq	NM_000948
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Protein Refseq	NP_000939
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MIM	176760
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UniProt ID	P01236
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