

Recombinant Human prolactin Protein, His&Flag tagged

Cat. No. PRL-106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Prolactin/PRL protein (P01236) (Leu 29-Cys 227) with both His, Flag tag at the C-terminus was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	29-227aa
Description	This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein. Prolactin acts primarily on the mammary gland by promoting lactation.
Tag	C-His&Flag
Molecular Mass	25.6 kDa
Endotoxin	Less than 1.0 EU/μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot

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the reconstituted solution to minimize freeze-thaw cycles.

Storage Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution

Reconstitute at 250 µg/mL in sterile water.

GENE INFORMATION

Gene Name

PRL prolactin [Homo sapiens (human)]

Official Symbol

PRL

Synonyms

PRL; prolactin; decidual prolactin;

Gene ID

5617

mRNA Refseq

NM_000948

Protein Refseq

NP_000939

MIM

176760

UniProt ID

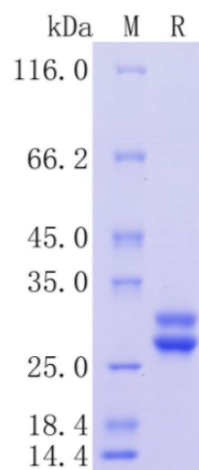
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**Protein on SDS-
PAGE under
reducing (R)
condition.**



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