

Recombinant Human PRL Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRL-6262H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRL MS Standard C13 and N15-labeled recombinant protein (NP_000939) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	25.9 kDa
AA Sequence	MNIKGSPWKGSLLLLLVSNLLLCQSVAPLPICPGGAARCQVTLRDLFDRAVVLSHYIH NLSSEMFSEFDKRYTHGRGFITKAINSCHTSSLATPEDKEQAQQMNQKDFLSLIVSIL RSWNEPLYHLVTEVRGMQEAPAILSKAVEIEEQTKRLLEGMEIVSQVHPETKENEI YPVWSGLPSLQMADEESRLSAYYNLLHCLRRDSHKIDNYLKLLKCRIIHNNNCTRTR PLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PRL prolactin [Homo sapiens (human)]

Official Symbol PRL

Synonyms PRL; prolactin; GHA1; prolactin; decidual prolactin; growth hormone A1

Gene ID 5617

mRNA Refseq NM_000948

Protein Refseq NP_000939

MIM 176760

UniProt ID P01236

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