

Active Recombinant Human PRLR protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. PRLR-135H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human PRLR protein(P16471-1)(25-234 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-234 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in 50mM Tris, 150mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human PRLR, His Avi Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-PRLR Antibody, hFc Tag with the EC50 of 7.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 27.32 kDa. Due to glycosylation, the protein migrates to 32-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name PRLR prolactin receptor [Homo sapiens]

Official Symbol PRLR

Synonyms PRLR; prolactin receptor; PRL-R; hPRL receptor; secreted prolactin binding protein; hPRLrI;

Gene ID 5618

mRNA Refseq NM_000949

Protein Refseq NP_000940

MIM 176761

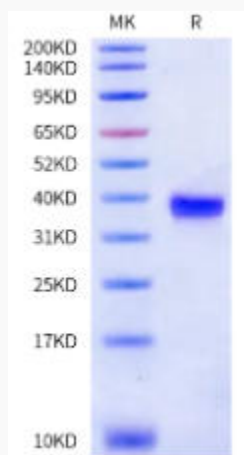
UniProt ID P16471

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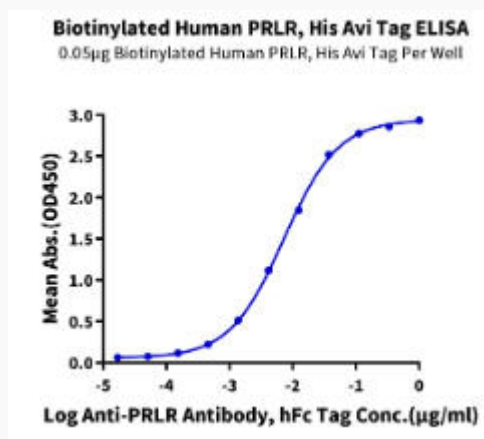
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Bis-Tris PAGE



ELISA Data



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