

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

Cat. No. PRLR-177H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRLR protein(P16471-1)(Gln25-Asp234), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-234 aa
Form	Lyophilized from 0.22µm filtered solution in 50mM Tris, 150mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human PRLR, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Anti-PRLR Antibody, hFc Tag with the EC50 of 28.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 25.5 kDa. Due to glycosylation, the protein migrates to 35-40 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
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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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

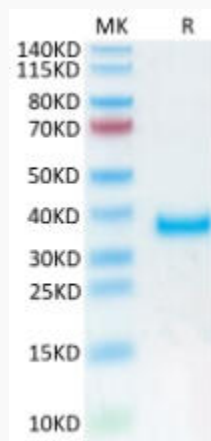
UniProt ID P16471

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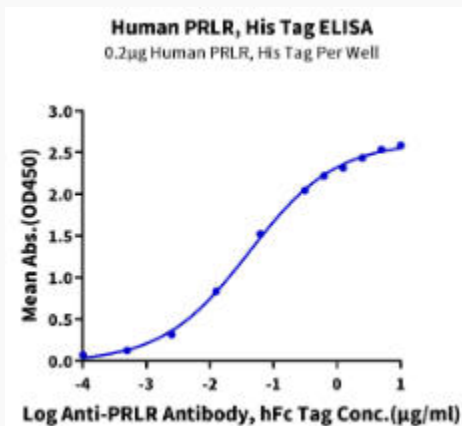
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Bis-Tris PAGE



ELISA Data



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