

Recombinant Human PRLR protein, His-tagged

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	Gln25-Asp234
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human PRLR, His Tag at 2ug/ml (100ul/Well) on the plate. Dose response curve for Anti-PRLR Antibody, hFc Tag with the EC50 of 28.2ng/ml determined by ELISA (QC Test).
Molecular Mass	The protein has a predicted MW of 25.5 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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 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

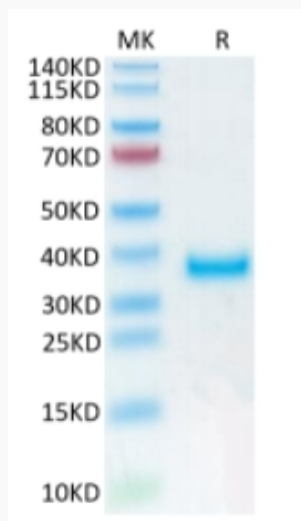
UniProt ID P16471

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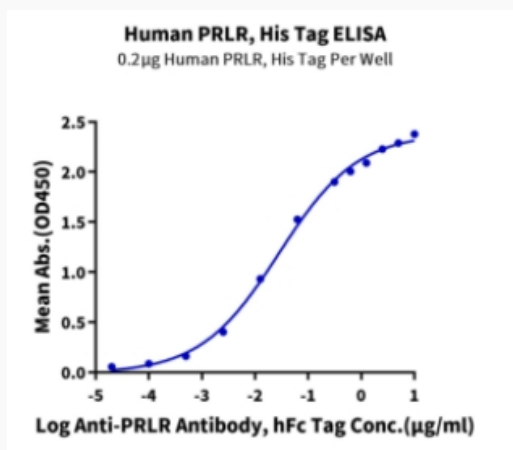
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Tris-Bis PAGE



ELISA Data



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