

## Active Recombinant Human PRLR protein, His-tagged

**Cat. No.** PRLR-2659H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human Prolactin receptor/PRL-R Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gln25-Asp234) of human PRLR/Prolactin Receptor (Accession #NP_000940.1) fused with a 6×His tag at the C-terminus. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Gln25-Asp234                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                        |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA. Immobilized Human PRLR/Prolactin Receptor at 1 µg/mL (100 µL/well) can bind Prolactin Receptor Rabbit mAb with a linear range of 0.67-3.45 ng/mL.                                                            |
| <b>Molecular Mass</b>   | 35 kDa                                                                                                                                                                                                                                                              |
| <b>Endotoxin</b>        | < 0.1 EU/µg of the protein by LAL method.                                                                                                                                                                                                                           |
| <b>Purity</b>           | > 97% by SDS-PAGE.                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Store the lyophilized protein at -20°C to -80 °C for long term.<br>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for                                                                                                       |

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up to 1 week.

**Reconstitution** Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile 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

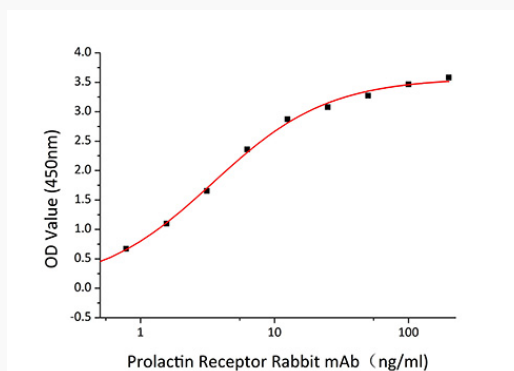
**mRNA Refseq** NM\_000949

**Protein Refseq** NP\_000940

**MIM** 176761

**UniProt ID** P16471

## Bio-activity

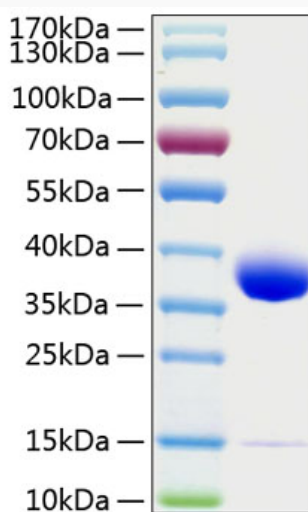


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SDS-PAGE



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