

Human Prolactin Receptor (His Tag) recombinant protein



Catalog Number: 503708

General Information

Protein Construction

A DNA sequence encoding the extracellular domain of human PRLR (NP_000940.1) (Met 1-Asp 234) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 98 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gln 25

Molecular Mass

The recombinant mature human PRLR consists of 221 amino acids after proteolytic removal of the signal peptide and predicts a molecular mass of 26

kDa. By SDS-PAGE under reducing conditions, it migrates as an approximately 36-38 kDa band due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

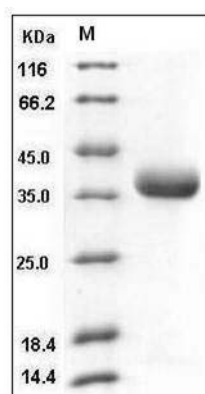
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human PRLR / Prolactin Receptor Protein (His Tag) SDS-PAGE