

Insulin, human recombinant protein (E. coli)**Human insulin, insulin, h-insulin, rh-insulin, recombinant human insulin, recombinant insulin, insul****Catalog # PBV10407r****Specification**

Insulin, human recombinant protein (E. coli) - Product info

Primary Accession

[P01308](#)

Calculated MW

5.81 kDa KDa**Insulin, human recombinant protein (E. coli) - Additional Info**

Gene ID

3630

Gene Symbol

INS**Other Names**

Insulin, INS

Gene Source

Human

Source

E. coli

Assay&Purity

SDS-PAGE; ≥98%

Assay2&Purity2

HPLC; ≥98%

Recombinant

Yes**Application Notes**

Reconstitute in H2O to a concentration of 1.0 mg/ml. The solution can then be diluted to other aqueous buffers.

Format

Lyophilized protein

Storage

-20°C; Lyophilized powder

Insulin, human recombinant protein (E. coli) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Insulin, human recombinant protein (E. coli) - Images**Insulin, human recombinant protein (E. coli) - Background**

Recombinant Human insulin produced in E.Coli is a two chain, non-glycosylated polypeptide chain containing 51 amino acids and having a molecular mass of 5.81 kDa. Recombinant insulin is purified by proprietary chromatographic techniques.