

PRODUCT DATA SHEET

Insulin Human, E. coli Recombinant

Cat. No.: RP1762700025

Size: 25 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Description:

Insulin Human Recombinant produced in E. coli is a two chain, non-glycosylated polypeptide chain containing 51 amino acids and having a molecular mass of 5807 Dalton. Insulin is purified by proprietary chromatographic techniques.

Purity:

Greater than 98.0% as determined by RP-HPLC analysis

Formulation:

The recombinant human insulin was lyophilized from a concentrated (1 mg/ml) solution with no additives.

Reconstitution:

It is recommended to reconstitute the lyophilized Insulin in sterile 0.005N HCl to not more than 1 mg/ml.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Lyophilized Insulin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Insulin should be stored at 4°C between 2–7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Applications:

Cell culture and/or animal studies, COVID-19, In vitro

Note:

This BioVendor product is furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.