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Recombinant Human Albumin

Product Number:RP101

Shipping and Storage

Ice pack transportation. 2-8 °C, dark, moisture-proof, sealed and dry, valid for 24 months.

Description

Human albumin is synthesized by liver parenchymal cells and is a protein with high content in human plasma. It has various physiological and pharmacological functions, including antioxidant activity, lipase activity, osmotic pressure regulation, and has the ability to bind and transport many endogenous and exogenous compounds. Our Recombinant Human Albumin is a recombinant human albumin expressed and purified from *Pichia pastoris* using genetic recombination technology. It does not contain animal derived components, has no risk of blood borne viral infection, has high batch stability, and can be used as an excipient to replace serum derived albumin. It has multiple applications in the field of biomedicine.

Specification	10g(20%,50ml),100g(20%,500ml)
CAS/MDL	70024-90-7/MFCD00081418
Source	Pichia
Appearance	Slightly viscous, light yellow, yellow or green to brown clear liquid
Identification	Positive (immunoblotting)
Protein content	(200±10)mg/ml(HPLC-SEC)
Purity	≥99.0%(USP-NF 2023)
Host cell protein	≤0.01ng/mg(ELISA)
Molecular weight	66.5±6.7kD(SDS-PAGE)
PH	6.0-8.0
Endotoxin	≤0.5EU/ml(gel method)

Application

It can be used as a component of cell therapy culture media, pharmaceutical excipients in the biopharmaceutical industry, drug and gene delivery carriers, in vitro diagnostics, vaccine production and preparation, medical device embedding agents, etc.

Protocol

Recombinant Human Albumin solution can be used directly. After opening, please use it as soon as possible to avoid contamination.

Note

This product is only used for scientific research, laboratory, and production purposes, and is not intended for clinical treatment. It should not be used on animals or humans.

For Research Use Only