

Product Name

Name: EastBumin™ Recombinant Human Albumin (dry powder)

Cat. No.: C6520-0001, C6520-0005, C6520-0100

Size: 1 g, 5 g, 100 g

Product Description

Human serum albumin, the most abundant protein in human plasma, acts as a transporter of hormones, lipids, and other substances. Its main physiological function is to regulate plasma pH and maintain the osmotic pressure of plasma. EastBumin™ Recombinant Human Albumin is expressed in *Pichia pastoris*, which does not contain any animal-derived components, thus avoids the risk of blood-borne virus infection and has higher stability and safety. This product is suitable for the growth of many cell types, such as mesenchymal stem cells, embryonic stem cells, induced pluripotent stem cells, and immune cells.

The main features of the product include:

1. White powder
2. Clear and colorless
3. High purity
4. Low endotoxin
5. Molecular weight: 66.5 kD ± 6.7 kD
6. GMP-grade

Procedure

1. It is recommended to use sterile PBS to dissolve recombinant human albumin to 200 mg/mL, sterile filtration with 0.22 µm filter, then use PBS or other solvents for further dilution, and aliquot.
2. Sterile filtered solution can be stored at 2 - 8°C for 6 - 12 months. After opening, please use as soon as possible to avoid contamination.

Quality Control

Recombinant Human Albumin is tested for the appearance, pH, endotoxin, purity and molecular weight.

Storage and Stability

The product should be kept at **2 - 8°C**.

The product is **light-sensitive** and therefore should avoid exposure to light.

Shelf life: 24 months

Precaution and Disclaimer

For research use only, not for clinical diagnosis, and treatment.