

Human Serum Albumin

Catalog Number	LDG002PHY
Package	1 g / Customized package

For full product information, images and publications, please visit [our website](#).



Specifications

Species of Origin

Human

Affinity Tag

Tag free

Purity

>95% as determined by SDS-PAGE analysis.

Endotoxin level

<0.1 EU per 1 µg of the protein by the LAL method.

Expression system

Pichia pastoris

Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.

Molecular weight

The protein has a calculated MW of 66.5 kDa. The protein migrates as 60 kDa under reducing condition (SDS-PAGE analysis).

Form

Lyophilized

Background

Background

Human serum albumin (HSA) is synthesized by hepatocytes and is the most abundant protein in human plasma. It serves as a carrier for transporting nutrients such as fatty acids and amino acids, while also regulating plasma pH and maintaining plasma osmotic pressure.

Synonyms

Serum Albumin, ALB, Human Albumin, Albumin, HSA

Uniprot ID

P02768

Instruction
Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration of 200 mg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage

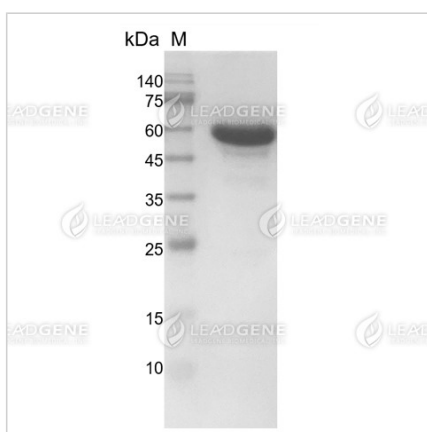
This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 6-12 months under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Image


SDS-PAGE analysis of recombinant human serum albumin.

Disclaimer : For Research Use or Further Manufacturing Only.

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