

CHAMOT

**Recombinant Serum Albumin, Human, AF,
Pichia pastoris**

CM197-1GHP

CM197-5GHP

CM197-10GHP



CHAMOT

乔默®生物

Specialize In Cytokines



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Recombinant Serum Albumin, Human, AF, Pichia pastoris

Catalog#	CM197-1GHP	CM197-5GHP	CM197-10GHP
Size	1g	5g	10g

Product Specifications

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

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

Expression System Pichia pastoris

Purity >95% as determined by SDS-PAGE.

Activity Testing in process

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

Protein Sequence A DNA sequence encoding Human HSA Protein(#P02768) (Arg19-Leu609) was expressed.

Form The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 8.0. If you have any concerns or special requirements, please confirm with us.

Application Cell Culture

Product Note

Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 mg/mL and incubate the stock solution at room temperature for at least 20 mins to ensure sufficient re-dissolved. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Storage/Shipping

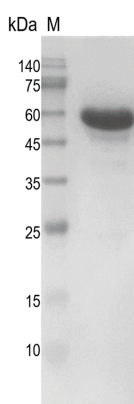
Stability & Storage

Lyophilized protein should be stored at -20°C for 1 year. Upon reconstitution, store at -20°C to -80°C for 6-12 months. Avoid repeated freeze/thaw cycles.

Shipping

Blue Ice

Scientific Data



SDS- PAGE analysis of recombinant human Serum Albumin

For Research Use or Further Manufacturing Only

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