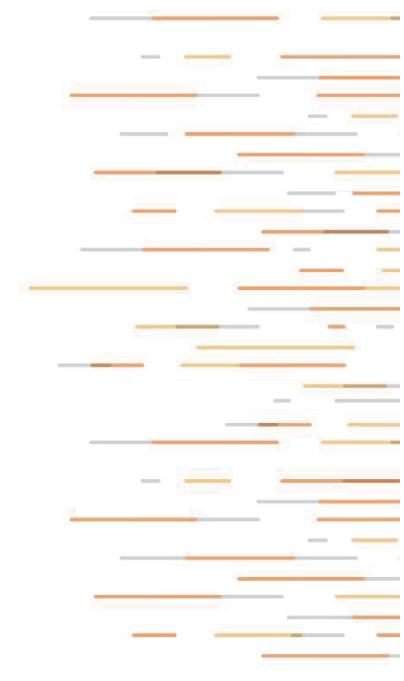
CHAMOT

Recombinant Serum Albumin, Human, AF, Pichia pastoris

CM197-1GHP

CM197-5GHP

CM197-10GHP





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Product Datasheet

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 μ m 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

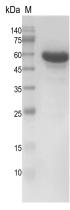
Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 mg/mL and incubate the stock solution at room temperature for at least 20 mins to ensure sufficient re-dissolved. Do Not Vortex! Vigorous shaking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

Storage/Shipping

Stability & 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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