

## Human Albumin serum / HSA, protease free

Synonyms: HSA, ALB, PRO0883, PRO0903, PRO1341, DKFZp779N1935, GIG20, GIG42, PRO1708, PRO2044, PRO2619, PRO2675, UNQ696, SA, HSA.

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order #	Lot #	Expiry Date
1 g	2833.959.188		
10 g	2833.959.108		
50 g	2833.959.508		
250 g	2833.959.256		

Please enquire for bulk quantities and other vial sizes

### Description

Human serum albumin (HSA) isolated from Human Plasma is a 66,5 kDa globular Protein. It is the most abundant blood plasma protein. HSA is produced in the liver as Preproalbumin and released as Proalbumin from the rough endoplasmatic reticulum. Proalbumin is cleaved in the Golgi vesicles, resulting in secreted Human Serum Albumin (HSA). It functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume. HSA is widely used to stabilize blood volume generally from donors but the fear of contamination such as HIV & Hepatitis has enticed great interest in the recombinant form which is identical to the natural blood. Application: Stabilizer for other solubilized Proteins, solubilisation of lipids, blocking agent in Western Blots and ELISA applications, cell culture.

- **Source** Human Plasma
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/μg (≤ 1EU/μg)
- **Buffer** none\*
- **Physical state** Sterile filtered, lyophilized

### Reconstitution

Readily soluble in de-ionized water and can only precipitated by high concentrations of neutral salts. HSA helps stabilize other solubilized proteins. Albumin is readily coagulated with heat.

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING  
Tel.: +49 40 43208448-0  
order@active-bioscience.de  
www.active-bioscience.de

TECHNICAL SUPPORT  
Tel.: +49 40 43208448-11  
support@active-bioscience.de

Active Bioscience GmbH  
Oberaltenallee 8  
D-22081 Hamburg  
HRB 98170 Amtsgericht Hamburg