

Human Serum Albumin (HSA) Protein

Catalogue No.: abx082261

Native Human Serum Albumin (HSA). This product is provided in 250 mg vials.

Human serum albumin is the most abundant protein in Human blood plasma, constituting about half of total serum protein. It is soluble, monomeric and is produced in the liver. It's functions include transportation of hormones, fatty acids and other compounds, acting as a pH buffer, and maintaining oncotic pressure. Albumin is synthesized in the liver as preproalbumin, with an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum as proalbumin, which is then cleaved in the golgi apparatus to produce secreted albumin.

Target: Human Serum Albumin (HSA)

Origin: Human

Expression: Native

Tested Applications: ELISA, WB

Host: Human

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 96% (Gel electrophoresis)

Reconstitution: Reconstitute in distilled water at a ratio of 200 mg to 4 ml water (up to 50 mg/ml).

Storage: Store between 2-8°C for up to 4 years.

UniProt Primary AC: P02768 ([UniProt](#), [ExPASy](#))

Gene Symbol: ALB

GeneID: [213](#)

OMIM: [103600](#)

KEGG: hsa:213

String: [9606.ENSP00000295897](#)

Datasheet

Version: 8.0.0

Revision date: 04 Oct 2025



Buffer: Not applicable.

CAS Number: 70024-90-7

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only