

## Native Bovine Serum Albumin

Cat. No. BSA-01 Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native BSA, Cohn Fraction V, Protease Free. CAS#9048-46-8
<b>Species</b>	Bovine
<b>Source</b>	Bovine Serum
<b>Description</b>	<p>The albumins are a family of globular proteins, the most common of which is serum albumin. The albumin family consists of all proteins that are water-soluble, are moderately soluble in concentrated salt solutions, and experience heat denaturation. Albumins are commonly found in blood plasma, and are unique from other blood proteins in that they are not glycosylated. Substances containing albumins, such as egg white, are called albuminoids. A number of blood transport proteins are evolutionarily related, including serum albumin, alpha-fetoprotein, vitamin D-binding protein and afamin.</p>
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	66317.8
<b>Purity</b>	> 99% (HPLC)
<b>Optimum pH</b>	6.7 - 7.3
<b>Storage</b>	2-8°C

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## GENE INFORMATION

<b>Gene Name</b>	ALB albumin [ Bos taurus (cattle) ]
<b>Official Symbol</b>	ALB
<b>Synonyms</b>	ALB; albumin; MGC179277; serum albumin; BSA; NP_851335.1; EC 6.1.1.16
<b>Gene ID</b>	280717
<b>mRNA Refseq</b>	NM_180992
<b>Protein Refseq</b>	NP_851335
<b>UniProt ID</b>	P02769
<b>Chromosome Location</b>	6
<b>Pathway</b>	Bile acid and bile salt metabolism; Formation of Platelet plug; HDL-mediated lipid transport; Hemostasis; Lipid digestion; Lipoprotein metabolism; Metabolism of lipids and lipoproteins;
<b>Function</b>	DNA binding; chaperone binding; drug binding; fatty acid binding; metal ion binding; contributes_to oxygen binding; pyridoxal phosphate binding; toxin binding

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