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## **Bovine Serum Albumin, BF405 conjugated**

Catalog Number: bs-0292P-BF405

Concentration: 1mg/ml

AA Seq: Purified native protein

Predicted MW: 69

Activity: Not tested

Endotoxin: Not analyzed

Form: Liquid

Storage: 10 mM TBS (pH=7.4) with 0.02% Proclin300 and 50% glycerol.

Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

**Background:** RelevanceAlbumin is a soluble, monomeric protein which comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume. Albumin is synthesized in the liver as preproalbumin which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. The product, proalbumin, is in turn cleaved in the Golgi vesicles to produce the secreted albumin.