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## Bovine Serum Albumin, Cy5.5 conjugated

Catalog Number: bs-0292P-Cy5.5

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.

### PRODUCT SPECIFIC PUBLICATIONS

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**[IF=15.1]** Yao Wang. et al. Enzyme initiated in situ gelation as an oxygen-tolerant, high adhesive, and versatile strategy for hydrogel coating preparation. CHEM ENG J. 2024 Aug;493:152362 Other ; . 10.1016/j.cej.2024.152362

**[IF=10.2]** Qiu Lei. et al. Designing a microbial fermentation-functionalized alginate microsphere for targeted release of 5-ASA using nano dietary fiber carrier for inflammatory bowel disease treatment. J NANOBIOTECHNOL. 2023 Dec;21(1):1-19 Other ; . 37741962

**[IF=8.5]** Niling Xie. et al. Mn<sup>2+</sup>-loaded carboxymethyl chitosan nanoparticle as a multifunctional adjuvant to efficiently enhance the performance of inactivated pseudorabies virus vaccines. INT J BIOL MACROMOL. 2025 Jun;;145648 ; . 40602573

**[IF=8.2]** Yingcai Meng. et al. Mn-phenolic networks as synergistic carrier for STING agonists in tumor immunotherapy. MATER TODAY BIO. 2024 Jun;26:101018 Other ; . 38516172