



Gold Nanobipyramids-BSA PRODUCT DATA SHEET

Gold Nanobipyramids-BSA

Description

Gold Nanobipyramids-BSA is obtained by functionalizing the surface of Gold Nanobipyramids with bovine serum albumin (BSA). This material utilizes BSA for non covalent capping, which can significantly improve the biocompatibility and stability of Gold Nanobipyramids, reducing non-specific adsorption of proteins and cells on the material surface. This surface modification can also enhance the specificity and sensitivity of detection. In addition, BSA modification can improve the hydrophilicity, cell adhesion, and biodegradability of Gold Nanobipyramids, making them more suitable for biomedical applications.

Abvigen Inc can able to provide high quality Gold Nanobipyramids-BSA. This product is available in a wide range of capping agents. Each batch has good monodispersity, uniform size, and can meet the needs of various customers in research and development, testing, production, and consumption. For custom sizes, formulations or bulk quantities please contact our customer service department.

Website: www.abvigen.com **Phone:** +1 929-202-3014 **Email:** info@abvigenus.com

Characteristics

Concentration: 0.05 mg/ml

Size: 5 ml or others

Surface: BSA

Shape: Bipyramid

Composition: Gold Nanobipyramids

Density: 19.32 g/ccm

Buffer: DI Water

Store: Storage at 2 - 8 °C

Storage

This product should be stored at 4°C. **DO NOT FREEZE.**

Advantage



Uniform particle size

High electromagnetic enhancement capability

Good chemical stability

Good dispersibility

Applications

Biological immune testing

Protein labeling

Dark field optical imaging

Fluorescence enhancement

Surface enhanced Raman substrate

Drug carrier

Ordering Information

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