

# BioGraphene Gr-BS

**Catalogue number:** 153982

**Sub-type:**

**Images:**

## Contributor

**Inventor:**

**Institute:** University of Connecticut

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** BioGraphene Gr-BS

**Alternate name:**

**Class:**

**Conjugate:**

**Description:** High quality graphene with good colloidal stability and low toxicity that has direct use in cell culture studies and other biological applications such as drug delivery, bioelectronics and biosensors. Prepared in biocompatible media (serum) for high stability and low nanotoxicity

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:** Bovine serum coated graphene. Aqueous solution (50 ml); BioGraphene; shelf life of 35 days; 2.9 mg/ml. **Highlights:** High colloidal stability, Low toxicity, Protein-coated, Biocompatible

## Target details

**Target:**

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:**

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:**

## Related tools

**Related tools:**

## References

**References:** BioGraphene: Direct Exfoliation of Graphite in a Kitchen Blender for Enzymology Applications. ; Kumar et al. 2016. Methods Enzymol. 571:225-44. PMID: 27112402.

CancerTools.org