



HAMA, Mw400-900kDa, 20-30%

Cat. No. BINK-009

Lot. No. (See product label)

Product Name	HAMA, Mw400-900kDa, 20-30%
Common Name	HAMA, Mw400kDa, 20-30%
Synonyms	HAMA, Mw400kDa, 20-30%
Description	Hyaluronic acid (HA) is a commonly used natural polymer for cell scaffolding. Modification by methacrylate allows it to be polymerized by free radicals via addition of an initiator, e.g., light-sensitive Irgacure, to form a methacrylated hyaluronic acid (MeHA) hydrogel.
Product overview	<ol style="list-style-type: none">1. This product is a photosensitive biological material, which has the same good biocompatibility and cell adhesion as hyaluronic acid (raw material).2. This product can be used in conjunction with photoinitiators to cross-link and cure under the action of blue light or ultraviolet light.3. The molecular weight of this product is 400-900kDa4. The higher the concentration of this product, the greater the elastic modulus after curing.5. This product can be loaded with cells for 3D printing.6. This product can be mixed with other photosensitive biological materials (such as HAMA, CSMA, etc.)
Morphology & Appearance	White Powder
Storage	Dark, Dry, -20 to 4 °C
Usage	<ol style="list-style-type: none">1. The recommended concentration of this product is 1%-5% (W/V). Stir overnight below 40 centigradeto dissolve.2. When using this solution, avoid repeated freezing and thawing.3. This product is used in combination with LAP, and can be cross-linked and cured under the visible light spectrum of 365-405 nm.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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