

Biotinylated Hyaluronic Acid

CATALOG #:	M1325-5	5 mg
SYNONYMS:	Hyaluronic acid biotin, HA-biotin, Hyaluronan biotin	
MOL. WEIGHT:	> 200 kDa	
SOURCE:	Rooster Comb	
FORM:	Lyophilized powder	
RECONSTITUTION:	Reconstitute in distilled water at the concentration of 1-5 mg/ml	
STORAGE CONDITION:	Lyophilized powder should be stored at -20 °C and is stable for 1 year. Reconstitute immediately before use.	
DESCRIPTION:	<p>Hyaluronic acid (HA) or hyaluronan is a high molecular mass polysaccharide composed of repeating dimeric units of glucuronic acid and N-acetyl glucosamine. It is abundant in the skin, connective tissue and extracellular matrix. HA is essential for tissue hydration and in increasing the permeability of tissue to fluids. HA is also used as a drug delivery agent for various routes of administration, including ophthalmic, nasal, pulmonary, parenteral and topical. HA-biotin is a conjugate made by covalently linking HA to biotin molecules. HA-biotin can be used as a specific probe to detect and purify HA-binding proteins (hyaladherins) and HA-receptors in tissues and cells.</p>	
APPLICATIONS:	<ol style="list-style-type: none">1. Detection and purification of HA-binding proteins and HA-receptors2. Hydrogel development and drug targeting3. Detection of hyaluronidase activity by ELISA	

Related Products:

- Biotinylated Horseradish Peroxidase (Cat. No. P1473)
- Biotinylated AGE-BSA (Cat. No. 7929)
- Biotin Quantitation Kit (Colorimetric) (Cat. No. K811)
- EZLabel™ Protein Biotin Labeling Kit (Cat. No. K835)
- EZLabel™ Antibody Biotin Labeling Kit (Cat. No. K834)

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