



COSMO BIO CO., LTD.
Inspiration for Life Science

Sodium Chondroitin Sulfate C (Shark Cartilage)

Code# : CSR-NaCS-C2(ShC)3

Size : 3 mg/vial


Appearance : white lyophilizate

Source of sodium chondroitin sulfate : Shark Cartilage

Outline: Chondroitin sulfate (CS) is a sulfated glycosaminoglycan composed of repeating disaccharide units of N-acetyl-D-galactosamine (GalNAc) and D-glucuronic acid (GlcUA). CS is abundant in cartilage and exists as unbranched polysaccharide chains covalently linked to the protein core of proteoglycans. This product is 3mg lyophilizate of sodium chondroitin sulfate C purified from shark cartilage. CSR-NaCS-C2(ShC)3 contains approximately one sulfate group per disaccharide unit with about 70% as 6-O-sulfation (C structure unit). This product can be used as a non-labeled reference of Fluoresceinamine-labeled Sodium Chondroitin Sulfate C (C1) (Product code: CSR-FACS-C1). The enclosed Certification of Analysis lists actual values for product specifications such as a molecular weight or a composition of disaccharide units produced by chondroitinase digestion.

Handling precautions:

- 1) This product is absorbent. Store avoiding humidity at 4°C or below.
- 2) Store at -20°C or below after dissolution. We recommend storing in aliquots appropriate for anticipated usage.
- 3) This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Manufactured by  PG
Research



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TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN

URL: <http://www.cosmobio.co.jp>

e-mail: export@cosmobio.co.jp

Phone : +81-3-5632-9617

FAX : +81-3-5632-9618