



COSMO BIO CO., LTD.
Inspiration for Life Science

Sodium Chondroitin Sulfate E (Squid Cartilage)

Code # : CSR-NaCS-E2(SqC)10

Size : 10 mg

Appearance : white lyophilizate

Source of sodium chondroitin sulfate : Squid 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 10mg lyophilizate of sodium chondroitin sulfate E purified from squid cartilage. CSR-NaCS-E2(SqC)10 contains approximately 60 % of disaccharide units with two sulfate groups as 4-O- and 6-O-sulfation of GalNAc (E structure unit). This product can be used as a non-labeled reference of Fluoresceinamine-labeled Sodium Chondroitin Sulfate E (E1) (Product code: CSR-FACS-E1). The enclosed CoA 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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