

Collagen Type II from Mouse Sternum

Cat. No. CEFX-019

Lot. No. (See product label)

Introduction

Description 1. Extract the tissue with guanidine-HCl to remove most of the proteoglycans. 2. Collagen was dissolved with pepsinized acetic acid at pH 3.0. 3. Fractional precipitation with NaCl and dialysis precipitation with Na₂HPO₄. 4. Column chromatography on CM-cellulose at pH 4.0. 5. Column chromatography on DEAE-cellulose at pH 7.5 to remove trace amounts of residual proteoglycans and collagen types I and III. The proteoglycan content is less than 0.4%. Soluble in 0.01 M to 0.5 M HOAC.

Product Information

Species Mouse

Source Mouse Sternum

Form Powder