

## unsaturated chondroitin disaccharide hydrolase

Cat. No. EXWM-3864

Lot. No. (See product label)

### Introduction

#### Description

The enzyme releases 4-deoxy-4,5-didehydro D-glucuronic acid or 4-deoxy-4,5-didehydro L-iduronic acid from chondroitin disaccharides, hyaluronan disaccharides and heparin disaccharides and cleaves both glycosidic (1→3) and (1→4) bonds. It prefers the sulfated disaccharides to the unsulfated disaccharides.

#### Synonyms

UGL (ambiguous); unsaturated glucuronyl hydrolase (ambiguous)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.2.1.180

#### Reaction

$\beta$ -D-4-deoxy- $\Delta$ 4-GlcAp-(1→3)- $\beta$ -D-GalNAc6S + H<sub>2</sub>O = 5-dehydro-4-deoxy-D-glucuronate + N-acetyl- $\beta$ -D-galactosamine-6-O-sulfate

#### Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.