Creative Enzymes®

N-sulfoglucosamine sulfohydrolase

Cat. No. EXWM-3772

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of hydrolases, specifically those acting on sulfur-nitrogen bonds. The systematic name of this enzyme class is N-sulfo-D-glucosamine sulfohydrolase. Other names in common use include sulfoglucosamine sulfamidase, heparin sulfamidase, 2-desoxy-D-glucoside-2-sulphamate sulphohydrolase (sulphamate, and sulphohydrolase). This enzyme participates in glycosaminoglycan degradation and glycan structures - degradation.
Synonyms	sulfoglucosamine sulfamidase; heparin sulfamidase; 2-desoxy-D-glucoside-2-sulphamate sulphohydrolase (sulphamate sulphohydrolase)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.10.1.1
CAS No.	37289-41-1
Reaction	N-sulfo-D-glucosamine + H2O = D-glucosamine + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.