

Active Native Flavobacterium heparinum 2-O-Sulfatase

Cat. No. SULF2-02F **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Flavobacterium heparinum
ProteinLength	843
Description	Hydrolyses the terminal 2-O-sulphate on the unsaturated di- and oligo-saccharides produced by the action of lyases on sulphated glycosaminoglycans.
Form	Solution contains 10 mM tris-acetate, pH 7.3, 80 mM NaCl, 10 mM potassium phosphate, 0.2% BSA.
Bio-activity	10-40 (units/ml)
Enzyme Unit	One unit will hydrolyze heparin disaccharide I-P (H9401) to yield 1.0 micromole of disaccharide II-P (δ -UA-GlcNCOEt-6S) per minute at pH 7.3 at 25 °C.
Applications	2-O-Sulfatase from Flavobacterium heparinum has been used in a study to determine that oversulfated chondroitin sulfate is a contaminant in heparin associated with adverse clinical events. 2-O-Sulfatase from Flavobacterium heparinum has also been used in a study to determine the structure of oligosaccharides prepared from acharan sulfate.
Storage	at -70 °C

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