

## Active Native Flavobacterium heparinum 2-O-Sulfatase

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

### SPECIFICATION

<b>Species</b>	Flavobacterium heparinum
<b>ProteinLength</b>	843
<b>Description</b>	Hydrolyses the terminal 2-O-sulphate on the unsaturated di- and oligo-saccharides produced by the action of lyases on sulphated glycosaminoglycans.
<b>Form</b>	Solution contains 10 mM tris-acetate, pH 7.3, 80 mM NaCl, 10 mM potassium phosphate, 0.2% BSA.
<b>Bio-activity</b>	10-40 (units/ml)
<b>Enzyme Unit</b>	One unit will hydrolyze heparin disaccharide I-P (H9401) to yield 1.0 micromole of disaccharide II-P ( $\delta$ -UA-GlcNCOEt-6S) per minute at pH 7.3 at 25 °C.
<b>Applications</b>	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.
<b>Storage</b>	at -70 °C

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