

## Product datasheet

# Native human PF4 protein ab80477

### Description

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<b>Product name</b>	Native human PF4 protein
<b>Biological activity</b>	Specific activity: 115 Units/mg (1 unit will neutralize 1 IU of heparin in 1ml of normal plasma).
<b>Purity</b>	> 95 % SDS-PAGE. ab80477 is purified by Heparin-agarose affinity chromatography.
<b>Expression system</b>	Native
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Native
<b>Species</b>	Human

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab80477** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	Isoelectric Point: 7.6.

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at -80°C. Avoid freeze / thaw cycle. Constituents: 0.242% Tris, 11.6% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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### General Info

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<b>Function</b>	Released during platelet aggregation. Neutralizes the anticoagulant effect of heparin because it binds more strongly to heparin than to the chondroitin-4-sulfate chains of the carrier molecule. Chemotactic for neutrophils and monocytes. Inhibits endothelial cell proliferation, the short form is a more potent inhibitor than the longer form.
<b>Sequence similarities</b>	Belongs to the intercrine alpha (chemokine CxC) family.

<b>Post-translational modifications</b>	Binds non-covalently to a proteoglycan molecule.
<b>Cellular localization</b>	Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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