

## Product datasheet

# Recombinant Human Prostaglandin D Synthase (hematopoietic) protein ab88041

### 製品の概要

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製品名	Recombinant Human Prostaglandin D Synthase (hematopoietic) protein
タンパク質長	Full length protein

### 製品の詳細

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由来	Recombinant
由来	Saccharomyces cerevisiae

### アミノ酸配列

生物種	Human
配列	MPNYKLTYNMRGRAEIIIRYIFAYLDIQYEDHRIEQADWPEIKSTLPFGK IPILE VDGLTLHQSLAIARYLTKNTDLAGNTEMEQCHVDAIVDTLDDF MSCFPWAEKKQD VKEQMFNELLTYNAPHLMQDLDTYLGGREWLIGNSV TWADFYWEICSTLLLVFKP DLLDNHPRLVTLRKKVQAIPAVANWIKRR PQTKL

### 特性

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Our [Abpromise guarantee](#) covers the use of **ab88041** in the following tested applications.

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

アプリケーション	SDS-PAGE
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製品の状態	Liquid
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### 前処理および保存

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保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
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## 関連情報

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機能	Bifunctional enzyme which catalyzes both the conversion of PGH2 to PGD2, a prostaglandin involved in smooth muscle contraction/relaxation and a potent inhibitor of platelet aggregation, and the conjugation of glutathione with a wide range of aryl halides and organic isothiocyanates. Also exhibits low glutathione-peroxidase activity towards cumene hydroperoxide.
組織特異性	Expressed in a number of megakaryocytic cell lines but not in platelets. Highly expressed in adipose tissue, macrophages and placenta. Also expressed at lower levels in lung, heart, lymph nodes, appendix, bone marrow and fetal liver.
配列類似性	Belongs to the GST superfamily. Sigma family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.
発生段階	Highest levels in immature megakaryocytic cells. Disappears after final differentiation to platelets.
細胞内局在	Cytoplasm.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## 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.co.jp/abpromise> or contact our technical team.

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