

Product datasheet

Recombinant Human Prostaglandin D Synthase (hematopoietic) protein ab88041

製品の概要

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

製品の詳細

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

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
製品の状態	Liquid

前処理および保存

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

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.

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

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- Response to your inquiry within 24 hours
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