

Product datasheet

Recombinant human PDGF AA protein ab9702

Overview

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| Product name | Recombinant human PDGF AA protein |
| Protein length | Full length protein |

Description

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| Nature | Recombinant |
| Source | Escherichia coli |
| Amino Acid Sequence | |
| Species | Human |
| Molecular weight | 24 kDa |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab9702** in the following tested applications.

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

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| Applications | Functional Studies SDS-PAGE |
| Endotoxin level | < 0.100 Eu/μg |
| Form | Lyophilised |
| Additional notes | The biological activity is determined by the dose-dependent stimulation of the proliferation of BALB/c 3T3 cells, is < 1.0 ng/ml, corresponding to a specific activity of > 1 x 10 ⁶ units/mg |

Preparation and Storage

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| Stability and Storage | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. 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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| Function | Platelet-derived growth factor is a potent mitogen for cells of mesenchymal origin. Binding of this growth factor to its receptor elicits a variety of cellular responses. It is released by platelets upon |
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wounding and plays an important role in stimulating adjacent cells to grow and thereby heals the wound.

Sequence similarities

Belongs to the PDGF/VEGF growth factor family.

Domain

The long form contains a basic insert which acts as a cell retention signal.

Cellular localization

Secreted.

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