

PDGF BB Mouse

Platelet-Derived Growth Factor BB Mouse Recombinant

GRF0309

Product Overview

Name	PDGF BB Mouse
Accession(Primary)	P31240
Description	Platelet-Derived Growth Factor BB Mouse Recombinant

Target information (P31240)

Gene Name

About Gene Symbol

Background

Platelet-Derived Growth Factor BB (PDGF-BB) is one of the isoforms of the PDGF family that plays a significant role in embryonic development, cell proliferation, cell migration, and angiogenesis. It's also relevant in the context of certain pathologies like cancer or healing processes. Here's what a research paper on Mouse Recombinant PDGF-BB might involve:

Basic Biology: It might discuss the basic biology and function of PDGF-BB in the mouse model. This could include its role in various cellular processes like cell growth, division, and survival, as well as in the context of tissue repair or angiogenesis.

Recombinant PDGF-BB Production: The paper might describe methods for producing recombinant PDGF-BB in laboratory conditions. It might go into detail on the expression system used (e.g., bacterial, yeast, or mammalian cells), the purification process, and how the functionality of the produced PDGF-BB was confirmed.

Applications: It could also detail the experimental applications of recombinant PDGF-BB in the mouse model. For instance, it could be used to study wound healing processes, tissue regeneration, or the development and progression of certain diseases.

Comparative Analysis: The research might include a comparison of the recombinant PDGF-BB with its natural

counterpart in terms of functionality, structure, or other properties. Innovation: If the paper is presenting new research, it might discuss an innovative use of PDGF-BB, a novel production method, or new findings about its function.

References for protein:

1. Title: Analysis of fast protein phosphorylation kinetics in single cells on a microfluidic chip
Publications: Lab on a Chip (2015) Link: PDGF BB Mouse prospec publication
2. Title: The Mouse Cornea as a Transplantation Site for Live Imaging of Engineered Tissue Constructs
Publication: Cold Spring Harbor Protocols 2010.4 (2010): pdb-prot5416. Link: PDGF B-chain prospec publication