Recombinant Rabbit PDGFB Protein

Cat. No. PDGFB-99R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The Rabbit PDGF-BB recombinant protein without tag was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Rabbit
Source	Yeast
Description	PDGF is one of the numerous growth factors that regulate cell growth and division. It plays a significant role in angiogenesis. Platelet-derived growth factor is a dimeric glycoprotein composed of two A (-AA) or two B (-BB) chains or a combination of the two (-AB). Though PDGF is synthesized, stored (in the alpha granules of platelets), and released by platelets upon activation, it is also produced by numerous cells including smooth muscle cells, activated macrophages, and endothelial cells.
Molecular Mass	12.2 kDa
AA Sequence	SLGSPTAAAEPAVIAECKTRTEVFEISRRLIDRTNANFLVWPPCVEVQRCSGCCNNR HVQCRPTQVQLRPVQVRKIEIVRKKPTFKKATVTLEDHLACKCETVAGVRPA(109)
Applications	The Rabbit PDGF-BB endotoxin-free recombinant protein can be used in cell culture, as an PDGF-BB ELISA Standard, and as a Western Blot Control.

GENE INFORMATION

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Gene Name	PDGFB platelet derived growth factor subunit B [Oryctolagus cuniculus (rabbit)]
Official Symbol	PDGFB
Synonyms	PDGFB; platelet derived growth factor subunit B; platelet-derived growth factor subunit B; platelet-derived growth factor beta polypeptide
Gene ID	100358772
mRNA Refseq	XM_07342088
Protein Refseq	XP_017197577

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