

Recombinant Rat PDGFD Protein, His tagged, Homodimer

Cat. No. PDGFD-4339R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat PDGFD Protein (Homodimer) with His tag was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	250-370 aa
Description	Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Plays an important role in wound healing. Induces macrophage recruitment, increased interstitial pressure, and blood vessel maturation during angiogenesis.
AASequence	SYHERKSKVDLDRNLDDVKRYSCTPRNHSVNLREELKLTNAVFFPRCLLVQRCGGN CGCGTLNWKSCCTSSGKTVKKYHEVLKFEPGHFKRRGKAKNMALVDIQLDHHERC DCICSSRPPRHHHHHHHH
Molecular Mass	15 kDa
Purity	>90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Storage Buffer Sterile PBS, pH7.4

Concentration 0.02 mg/mL by BCA

GENE INFORMATION

Gene Name Pdgfd platelet derived growth factor D [Rattus norvegicus (Norway rat)]

Official Symbol PDGFD

Synonyms PDGFD; platelet-derived growth factor, D polypeptide; platelet-derived growth factor D; PDGF-D; SCDGF-B; iris-expressed growth factor; spinal cord-derived growth factor B; spinal-cord derived growth factor-B protein; Scdgfb; rSCDGF-B;

Gene ID 66018

mRNA Refseq NM_023962

Protein Refseq NP_076452

UniProt ID Q9EQT1

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