

Product Datasheet

Recombinant PDGF-DD, Human (orb1494670)

Description	PDGF-DD, also known as platelet-derived growth factor D, IEGF and SCDGFB, is a secreted growth factor belonging to the PDGF/VEGF family. It is highly expressed in the heart, pancreas, adrenal glands and ovary. PDGF-DD forms functional homodimers that bind and induce PDGF R β homodimers and PDGF R α/β heterodimers that promote intracellular signaling. This plays an important role in the regulation of cell differentiation, migration and survival. It has also been reported that PDGF-DD can induce monocyte and macrophage recruitment, increase interstitial pressure and facilitate wound healing.
Endotoxins	< 0.2 EU/ μ g, determined by LAL method.
Preservatives	Lyophilized after extensive dialysis against PBS.
Form/Appearance	Lyophilized after extensive dialysis against PBS.
Storage	Lyophilized recombinant human PDGF-DD remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, human PDGF-DD should be stable up to 1 week at 4°C or up to 2 months at -20°C.
Note	For research use only
Application notes	Reconstituted in ddH ₂ O or PBS at 100 μ g/ml.
Protein Sequence	SYHDRKSKVDLDRNLNDDAKRYSCTPRNYSVNIREELKLANVVFPRCLLVQRCGGNCGCGT VNWRSCTCNSGKTVKKYHE VLQFEPGHIKRRGRAKTMALVDIQLDHHERCDCICSSRPPR
Purity	> 95% as analyzed by SDS-PAGE.
Source	CHO
MW	19-21 kDa, observed by reducing SDS-PAGE.
Expiration Date	6 months from date of receipt.

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