Recombinant Human PDGFC

Cat No:HR2R1836

For research use only

Overview

Quantity	20 ?g
Gene Symbol	PDGFC
Gene ID	56034
Accession	Q9NRA1
Alternative Name	PDGF-C, Fallotein, Spinal cord-derived growth factor, SCDGF, VEGF-E, PDGF-CC Recombinant Human Platelet-Derived Growth Factor Subunit C (PDGFC)
Species	Human
Source	E. coli
Description	PDGF-C plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. It is required for normal skeleton formation and skin morphogenesis during embryonic stage and for angiogenesis and blood vessel development. A disulfide-linked homodimer, PDGF-C also appears to be involved in all the three stages (inflammation, proliferation and remodeling) of wound healing.
Functions	N.A.
Formulation	Lyophilized from a 0.2 ?m filtered solution in PBS
Solubility	Reconstitute at 0.1mg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.
Appearance	Lyophilized Powder
Molecular Weight	12.5
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70?C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8?C for one month, or at -20?C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.