PRODUCT INFORMATION

Target	PDGFD
Synonyms	IEGF;MSTP036;SCDGF-B;SCDGFB
Description	Recombinant Human PDGFD Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9GZP0
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	PDGFD(Ser250-Arg370) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 40.1 kDa after removal of the signal peptide. The apparent molecular mass of PDGFD(250-370)-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a core motif of eight cysteines, seven of which are found in this factor. This gene product only forms homodimers and, therefore, does not dimerize with the other three family members. It differs from alpha and beta members of this family in having an unusual N-terminal domain, the CUB domain. Two splice variants have been identified for this gene. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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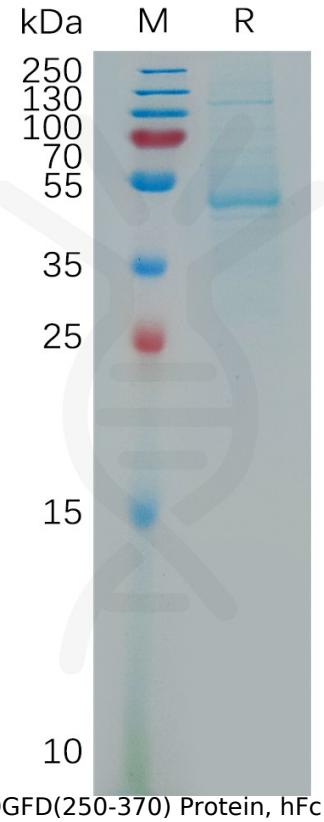


Figure 1. Human PDGFD(250-370) Protein, hFc Tag on SDS-PAGE under reducing condition.

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