

Datasheet for ABIN7275441

**PDGFD Protein (AA 19-370) (His tag)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	PDGFD
Protein Characteristics:	AA 19-370
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDGFD protein is labelled with His tag.

## Product Details

Purpose:	Human PDGFD Protein
Sequence:	Arg19-Arg370
Characteristics:	Recombinant Human PDGFD Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Arg19-Arg370.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	PDGFD
Alternative Name:	PDGFD ( <a href="#">PDGFD Products</a> )

Target Details

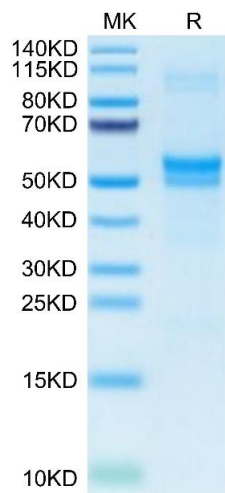
Background:	Platelet-derived growth factor D (PDGF-D) is a new member of the PDGF family that binds the PDGFR-β homodimer. PDGF-D promotes the angiogenic capacity of EPCs, including proliferation, migration, adhesion and tube formation, and thereby contributes to angiogenesis.
Molecular Weight:	41.82 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a>

Application Details

Restrictions:	For Research Use only
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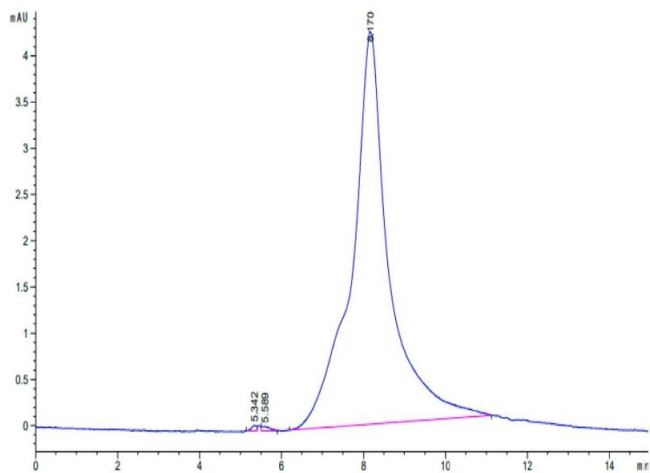
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Human PDGFD on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human PDGFD is greater than 95 % as determined by SEC-HPLC.