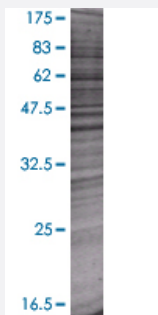


PDGFD 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00080310-T01

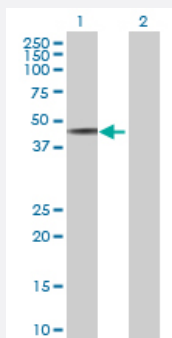
Size 100 uL

Applications



SDS-PAGE Gel

PDGFD transfected lysate.



Western Blot

Lane 1: PDGFD transfected lysate (40.15 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PDGFD full-length

Host Human

Theoretical MW (kDa) 40.15

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PDGFD antibody ([H00080310-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PDGFD transfected lysate.
 Western Blot
 Lane 1: PDGFD transfected lysate (40.15 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PDGFD

Entrez GeneID[80310](#)**GeneBank Accession#**[NM_033135.3](#)**Protein Accession#**[NP_149126.1](#)**Gene Name**

PDGFD

Gene Alias

IEGF, MGC26867, MSTP036, SCDGF-B, SCDGFB

Gene Description

platelet derived growth factor D

Omim ID[609673](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

iris-expressed growth factor|spinal cord derived growth factor B|spinal cord-derived growth factor-B

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Focal adhesion](#)
- [Gap junction](#)

- [Melanoma](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Diseases](#)
- [Hypertension](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)