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Recombinant human PDGF-D protein

Catalog Number: ATGP1711

PRODUCT INFORMATION

Expression system
E.coli

Domain
250-370aa

UniProt No.
Q9GZP0

NCBI Accession No.
NP_079484

Alternative Names
Platelet-derived growth factor D, IEGF, MSTP036, SCDGF-B, SCDGFB

PRODUCT SPECIFICATION

Molecular Weight
16.6 kDa (146aa)

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE, Denatured

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
Platelet-derived growth factor D, also known as PDGFD, plays an important role in wound healing. This protein induces macrophage recruitment, increased interstitial pressure, and blood vessel maturation during angiogenesis. This protein can initiate events that lead to a mesangial proliferative glomerulonephritis, including influx of monocytes and macrophages and production of extracellular matrix. Recombinant human PDGFD protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

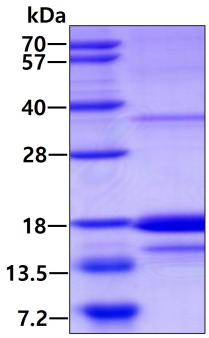
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General References

Bergsten E A., et al. (2001) Nat. Cell Biol. 3:512-516
uutela M., et al. (2004) Blood. 104:3198-3204

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.