

Recombinant Mouse PDGF-AA Protein

Catalog No.: RP03145

Sequence Information

Species **Gene ID**
Mouse 18590

Swiss Prot **Tags**
P20033 N-His

Synonyms
PDGF1; PDGF-A; PDGFA

Product Information

Source **Purification**
Pichia ≥ 95 % as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
14.5 kDa. 20 & 26 KDa

Endotoxin
Please contact us for more
information.

Formulation
Lyophilized from a 0.22 µm filtered
solution of 0.1% TFA, 30% CAN.
Contact us for customized product
form or formulation.

Reconstitution
Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1–0.5 mg/mL in sterile distilled
water. Avoid vortex or vigorously
pipetting the protein. For long
term storage, it is recommended
to add a carrier protein or stabilizer
(e.g. 0.1% BSA, 5% HSA, 10% FBS
or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

Background

Platelet-derived growth factor alpha (PDGFA) is frequently upregulated in various cancers and thought to function as a key player in the development and progression of tumor growth by regulating aspects of cell proliferation, angiogenesis and metastasis. The human platelet-derived growth factor A chain gene (PDGFA) on chromosome 7p22 encodes an important mitogen. Within PDGFA lies a complex minisatellite structure that results in partial duplications of exon 4 and the IVS4 splice donor site.

Basic Information

Description

Recombinant Mouse PDGF-AA Protein is produced by *Pichia* expression system. The target protein is expressed with sequence (Ser87-Arg196) of Mouse PDGF-AA (Accession #NP_032834.1) fused with a 6×His tag at the N-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

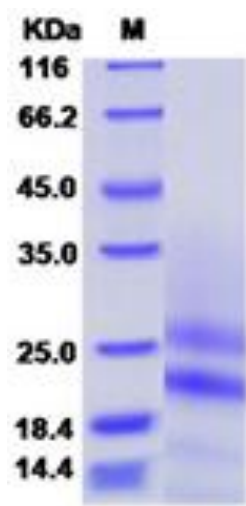
Contact

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Validation Data



Recombinant Mouse PDGF-AA Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.