

Recombinant Gekko japonicus PDGFC Protein (His Tag)

Catalog Number: PDEO100023

Note: Centrifuge before opening to ensure complete recovery of vial contents.

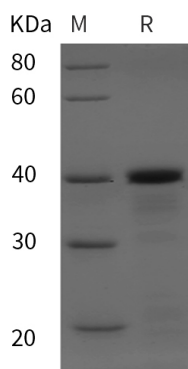
Description

Species	Gekko japonicus
Source	E.coli-derived Gekko japonicus PDGFC protein Asp23-Gly345, with an N-terminal His
Calculated MW	35.4 kDa
Observed MW	40 kDa
Accession	A8WCC4
Bio-activity	Not validated for activity

Properties

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of Gekko japonicus PDGFC proteins, 2 µg/lane of Recombinant Gekko japonicus PDGFC proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 40 kDa.

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. This gene product appears to form only homodimers. It differs from the platelet-derived growth factor alpha and beta polypeptides in having an unusual N-terminal domain, the CUB domain. Alternatively spliced transcript variants have been found for this gene.

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