

PDGFAA Protein, Canine (P.pastoris, His)

Cat. No.:	HY-P75965
Synonyms:	Platelet-derived growth factor subunit A; PDGF-1; PDGF-A; Rpa1
Species:	Canine
Source:	P. pastoris
Accession:	NP_001177101 (S87-R196)
Gene ID:	491597
Molecular Weight:	Approximately 14.5 kDa

PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of 30% CAN, 0.1% TFA. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	PDGFAA Protein is platelet-derived growth factor subunit A precursor. PDGFAA enables growth factor activity and platelet-derived growth factor receptor binding. PDGFAA is involved in platelet-derived growth factor receptor signaling pathway, positive regulation of MAP kinase activity and positive regulation of phosphatidylinositol 3-kinase/protein kinase B signal transduction ^{[1][2][3]} .
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Caution: Product has not been fully validated for medical applications. For research use only.

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