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Datasheet for ABIN6573459 PDGFB Protein (His tag)

Overview

Quantity:	50 µg
Target:	PDGFB
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDGFB protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Platelet-derived Growth Factor Subunit B/PDGF-BB(C-6His)
Sequence:	MSLGSLAAAE PAVIAECKTR TEVFQISRNL IDRTNANFLV WPPCVEVQRC SGCCNNRNVQ CRASQVQMRP VQVRKIEIVR KKPIFKKATV TLEDHLACKC ETVVTPRPVT LEHHHHHH
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	PDGFB
Alternative Name:	Platelet-derived Growth Factor Subunit B/PDGF-BB (PDGFB Products)
Molecular Weight:	13.4 kDa
UniProt:	P31240

Target Details

Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Carbohydrate Metabolic Process , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 4 mM HCl.
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Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
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Storage:	4 °C/-20 °C/-80 °C
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Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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