Datasheet for ABIN1651051

PDGFC Protein (AA 23-345) (His tag)

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Overview

Quantity:	1 mg
Target:	PDGFC
Protein Characteristics:	AA 23-345
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDGFC protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ESDLSSKF SFPGAKEQNG VQDPQHEKII TVTSNGSIHS PKFPHTYPRN TVLVWRLVAV DENVWIQLTF DERFGLEDPE DDICKYDFVE VEEPSDGTVL GRWCGSSSVP SRQISKGNQI RIRFVSDEYF PSQPGFCIHY TLLVPHHTEA PSPSSLPPSA LPLDVLNNAV AGFSTVEELI RYLEPDRWQL DLEDLYRPTW QLLGKAYIHG RKSRVVDLNL LKEEVRLYSC TPRNFSVSLR EELKRTDTIF WPLCLLVKRC GGNCACCHQN CNECQCIPTK VTKKYHEVLQ LKPRSGVRGL HKSLTDVPLE HHEECDCVCK GNSEG
Specificity:	Gallus gallus (Chicken)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	PDGFC
Abstract:	PDGFC Products
Target Type:	Viral Protein
Background:	Recommended name: Platelet-derived growth factor C. Short name= PDGF-C. Alternative name(s): Spinal cord-derived growth factor Cleaved into the following 2 chains: 1. Platelet-derived growth factor C, latent form. Short name= 2. PDGFC latent form 3. Platelet-derived growth factor C, receptor-binding form. Short name= 4. PDGFC receptor-binding form
UniProt:	Q9I946
Pathways:	RTK Signaling, Platelet-derived growth Factor Receptor Signaling

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.