Datasheet for ABIN7479144

PODXL Protein (AA 23-461) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	PODXL
Protein Characteristics:	AA 23-461
Origin:	Human
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PODXL protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SPSPSPSP SQNATQTTTD SSNKTAPTPA SSVTIMATDT AQQSTVPTSK ANEILASVKA TTLGVSSDSP GTTTLAQQVS GPVNTTVARG GGSGNPTTTI ESPKSTKSAD TTTVATSTAT AKPNTTSSQN GAEDTTNSGG KSSHSVTTDL TSTKAEHLTT PHPTSPLSPR QPTSTHPVAT PTSSGHDHLM KISSSSSTVA IPGYTFTSPG MTTTLLETVF HHVSQAGLEL LTSGDLPTLA SQSAGITASS VISQRTQQTS SQMPASSTAP SSQETVQPTS PATALRTPTL PETMSSSPTA ASTTHRYPKT PSPTVAHESN WAKCEDLETQ TQSEKQLVLN LTGNTLCAGG ASDEKLISLI CRAVKATFNP AQDKCGIRLA SVPGSQTVVV KEITIHTKLP AKDVYERLKD KWDELKEAGV SDMKLGDQGP PEEAEDRFSM P
Specificity:	Homo sapiens (Human)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	PODXL
Alternative Name:	Podocalyxin (PODXL) (PODXL Products)
Background:	Recommended name: Podocalyxin. Alternative name(s): GCTM-2 antigen Gp200 Podocalyxin-like protein 1. Short name= PC. Short name= PCLP-1
UniProt:	O00592
Pathways:	Tube Formation

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

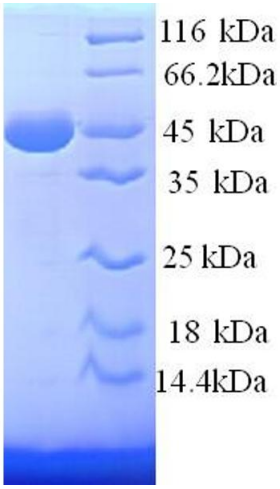
Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

Images



SDS-PAGE

Image 1.

