

Datasheet for ABIN5854527
PODXL Protein (AA 22-404) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	PODXL
Protein Characteristics:	AA 22-404
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PODXL protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	HNGNETSTSA IKSSTVQSHQ SATTSTEVTT GHPVASTLAS TQPSNPTPFT TSTQSPSMPT STPNPTSNQS GGNLTSSVSE VDKTKTSSPS STAFTSSSGQ TASSGGKSGD SFTTAPTTTTL GLINVSSQPT DLNNTSKLLS TPTTDNTTSP QQPVDSSPST ASHPVGQHTP AAVPSSSGST PSTDNSTLTW KPTTHKPLGT SEATQPLTSQ TPGITTL PVS TLQQSMAS TV GTTTEEFTHL ISNGTPVAPP GPSTPSPIWA FGNYQLNCEP PIRPDEELLI LNLTRASLCE RSPLDEKEKL VELLCHSVKA SFKPAEDLCT LHVAPILDNQ AVAVKRIIIE TKLSPKAVYE LLKDRWDDL T EAGVSDMKLG KEGPPEVNED RFSLEHHHHH H
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

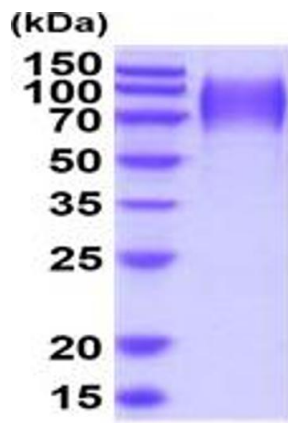
Target:	PODXL
Alternative Name:	Podxl (PODXL Products)
Background:	PODXL, also known as Podocalyxin, is a heavily glycosylated transmembrane sialoprotein in the CD34 and endoglycan family. This protein involved in the regulation of both adhesion and cell morphology and cancer progression. It has to function as an anti-adhesive molecule that maintains an open filtration pathway between neighboring foot processes in the podocyte by charge repulsion. Also, it acts as a pro-adhesive molecule, enhancing the adherence of cells to immobilized ligands, increasing the rate of migration and cell-cell contacts in an integrin-dependent manner. Recombinant mouse PODXL, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	41.0kDa (391aa) 70-100KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_038751
UniProt:	Q9R0M4
Pathways:	Tube Formation

Application Details

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

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.