

Datasheet for ABIN7596425

## PODXL Protein (AA 23-429) (His tag)



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### Overview

Quantity:	500 µg
Target:	PODXL
Protein Characteristics:	AA 23-429
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PODXL protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

### Product Details

Sequence:	SPSPSPS PSQNAQT TTT DSSNKTAPTP ASSVTIMATD TAQQSTVPTS KANEILASVK ATTLGVSSDS PGT TTT LAQQV SGPVNTTVAR GGGSGNPTTT IESPKSTKSA DTTTVATSTA TAKPNTTSSQ NGAEDTTNSG GKSSHVSTTD LTSTKAEHLT TPHPTSPLSP RQPTSTHPVA TPTSSGHDHL MKISSSSSTV AIPGYTFTSP GMTTTL PSSV ISQRTQQTSS QMPASSTAPS SQETVQPTSP ATALRTPTLP ETMSSSPTAA STTHRYPKTP SPTVAHESNW AKCEDLETQT QSEKQLVLNL TGNTLCAGGA SDEKLISLIC RAVKATFNPA QDKCGIRLAS VPGSQTVVVK EITIHTKLPA KDVYERLKDK WDELKEAGVS DMKLG DQGPP EEAEDRFSMP
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

## Target Details

Target:	PODXL
Alternative Name:	Podocalyxin ( <a href="#">PODXL Products</a> )
Background:	<p>Podocalyxin, also known as PODXL, is a member of the CD34 sialomucin protein family. It is present in glomerular podocytes, endothelial cells, glandular cells in fallopian tube, uterus. A soluble form of Podocalyxin can be released into the urine of women with pre-eclampsia. It has been shown to interact with Sodium-hydrogen exchange regulatory cofactor 2. And Its interactions with L-Selectin and E-Selectin mediate the tethering of lymphocytes and metastatic tumor cells to the vascular endothelium. It is upregulated in a number of cancers and is frequently associated with poor prognosis. Based on patient survival data, high level of PODXL transcripts in tumor cells is associated with poor prognosis in renal cancer. Recombinant human Podocalyxin, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.</p>
Molecular Weight:	43.1kDa (416aa)
NCBI Accession:	<a href="#">NP_005388</a>
Pathways:	<a href="#">Tube Formation</a>

## Application Details

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

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.