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PODXL Human (335-387)

Podocalyxin-Like (335-387 a.a) Human Recombinant
RCP1675

Product Overview

Name	PODXL Human (335-387)
Description	
Podocalyxin-Like (335-387 a.a) Human Recombinant	
Accession (Primary)	O00592
Source	
Escherichia Coli.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Each mg was lyophilized with 1xPBS, 0.4% SDS and 4mM DTT.	
Stability	
Store lyophilized PODXLat -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
AGGASDEKLI SLICRAVKAT FNPAQDKCGI RLASVPGSQT VVVKEITIHS.	
Solubility	
It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.	
Background	
Podocalyxin-Like also known as PODXL is a glycosylated transmembrane sialoprotein in the CD34 and endoglycan family. The PODXL protein takes part in the regulation of both adhesion and cell morphology and cancer progression. PODXL plays a role as an anti-adhesive molecule, which retains an open filtration pathway between neighboring foot processes in the podocyte by charge repulsion. PODXL also functions as a pro-adhesive molecule, enhancing the adherence of cells to immobilized ligand which leads to rate increase of migration and cell-cell contacts in an integrin-	

dependent manner.

Precautions

PODXL Human (335-387) is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O00592)

Background

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