9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

PODXL Mouse

Podocalyxin-Like Mouse Recombinant
RCP1676

Product Overview

Name	PODXL Mouse
Description	
Podocalyxin-Like Mouse Recombinant	
Accession (Primary)	Q9R0M4
Synonyms	
Podocalyxin, Podocalyxin-like protein 1, PC, PCLP-1.	
Introduction	
Podocalyxin (PODXL) is a greatly glycosylated transmembrane sialoprotein in the CD34 and endoglycan family. The PODXL protein is involved in the regulation of both adhesion and cell morphology and cancer progression. PODXL functions as an anti-adhesive molecule, which retains an open filtration pathway between neighboring foot processes in the podocyte by charge repulsion. Moreover, PODXL serves 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.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
PODXL protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
HNGNETSTSA IKSSTVQSHQ SATTSTEVTT GHPVASTLAS TQPSNPTPFT TSTQSPSMPT STPNPTSNQS GGNLTSSVSE VDKTKTSSPS STAFTSSSGQ TASSGGKSGD SFTTAPTTTL GLINVSSQPT DLNTTSKLLS TPTTDNTTSP QQPVDSSPST ASHPVGQHTP AAVPSSSGST PSTDNSTLTW KPTTHKPLGT SEATQPLTSQ TPGITTLPVS TLQQSMASTV GTTTEEFTHL ISNGTPVAPP GPSTPSPIWA FGNYQLNCEP PIRPDEELLI	

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LNLTRASLCE RSPLDEKEKL VELLCHSVKA SFKPAEDLCT LHVAPILDNQ AVAVKRIIIE TKLSPKAVYE LLKDRWDDLT EAGVSDMKLG KEGPPEVNED RFS LEHHHHH H .

Precautions

PODXL Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9R0M4)