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Podxl, 22-404aa, Mouse, His tag, Baculovirus

产品货号: TP03450

第三版

别名: Podocalyxin, AW121214, Ly102, PC, PCLP-1, Pclp1

描述: 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.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 41.0kDa (391aa), 70-100kDa (SDS-PAGE under reducing conditions.)

序列:

HNGNETSTSAIKSSTVQSHQSATTSTEVTGHPVASTLASTQPSNPTPFTTSTQSPSMPSTPNPTSNQSGGNLTSSVSEVDK
TKTSSPSSAFTSSSGQTASSGGKSGDSFTTAPTTLGLINVSQPTDLNNTSKLLSTPTTDNTTSPQQPVDSSPSTASHPVGQ
HTPAAVPSSSGSTPSTDNSTLTWKPTTHKPLGTSEATQPLTSQTPGITTLPVSTLQQSMASVTGTTTEEFTHLISNGTPVAPP
GPSTPSPIWAFGNQYLNCEPPIRPDEELLILNLTRASLCERSPLDEKEKLVLLCHSVKASFKPAEDLCTLHVAPILDNQAVAV
KRIIETKLSPKAVYELLKDRWDDLTEAGVSDMKLGKEGPPEVNEDRFSLEHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.