# Active Recombinant Human PODXL protein, His-tagged

**Cat. No.** PODXL-218H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human PODXL(Ser23-Arg427) fused with a C-terminal Asp and 10-His tag was expressed in NS0. |
| **Species** | Human |
| **Source** | Mammalian Cells |
| **ProteinLength** | 23-427 a.a. |
| **Predicted N Terminal** | Ser23 |
| **Form** | Lyophilized from a 0.2 μm filtered solution in PBS. |
| **Bio-activity** | Measured by the ability of the immobilized protein to inhibit the adhesion of CHO Chinese hamster ovary cells transfected with P-Selectin. The ED50 for this effect is typically 0.08-0.4 μg/mL. |
| **Molecular Mass** | Predicted Molecular Mass: 43 (monomer) kDa;<br>SDS-PAGE: 125-165 kDa, reducing conditions. |
| **Endotoxin** | <0.10 EU per 1 μg of the protein by the LAL method. |
| **Purity** | >95%, by SDS-PAGE with silver staining. |
| **Stability** | Avoid repeated freeze-thaw cycles. |

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| | 12 months from date of receipt, -20 to -70 centigrade as supplied.<br>1 month, 2 to 8 centigrade under sterile conditions after reconstitution.<br>3 months, -20 to -70 centigrade under sterile conditions after reconstitution. |
| **Reconstitution** | Reconstitute at 100 µg/mL in PBS. |

## GENE INFORMATION

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| **Gene Name** | PODXL podocalyxin-like [ Homo sapiens ] |
| **Official Symbol** | PODXL |
| **Synonyms** | PODXL; podocalyxin-like; podocalyxin; Gp200; PC; PCLP; GCTM-2 antigen; podocalyxin-like protein 1; PCLP-1; MGC138240; |
| **Gene ID** | 5420 |
| **mRNA Refseq** | NM_001018111 |
| **Protein Refseq** | NP_001018121 |
| **MIM** | 602632 |
| **UniProt ID** | O00592 |
| **Chromosome Location** | 7q32-q33 |

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