

# Recombinant Rat Podxl Protein, His-tagged

**Cat. No.** Podxl-1957R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Podxl Protein (Gly408-Leu485) with N-His tag was expressed in E. coli.                                                                                                                                                                          |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Gly408-Leu485                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Involved in glomerular visceral epithelial cell development and negative regulation of cell adhesion. Located in apical plasma membrane; cell body; and slit diaphragm. Orthologous to human PODXL (podocalyxin like).                                          |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 12.8 kDa<br>Accurate Molecular Mass: 20 kDa                                                                                                                                                                                           |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                           |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                      |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
|                       | less than 5% within the expiration date under appropriate storage condition.                                                 |
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| <b>Storage Buffer</b> | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                      |
| <b>Reconstitution</b> | Reconstitute in PBS or others.                                                                                               |

## GENE INFORMATION

|                        |                                                                               |
|------------------------|-------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Podxl podocalyxin-like [ Rattus norvegicus (Norway rat) ]</a>     |
| <b>Official Symbol</b> | <a href="#">Podxl</a>                                                         |
| <b>Synonyms</b>        | PODXL; podocalyxin-like; podocalyxin; podocalyxin-like protein 1; PC; PCLP-1; |
| <b>Gene ID</b>         | <a href="#">192181</a>                                                        |
| <b>mRNA Refseq</b>     | <a href="#">NM_138848</a>                                                     |
| <b>Protein Refseq</b>  | <a href="#">NP_620203</a>                                                     |
| <b>UniProt ID</b>      | <a href="#">Q9WTQ2</a>                                                        |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA