

Recombinant Rat Podxl Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Podxl Protein (Gly408-Leu485) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gly408-Leu485
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 12.8 kDa Accurate Molecular Mass: 20 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Podxl podocalyxin-like [*Rattus norvegicus* (Norway rat)]

Official Symbol

Podxl

Synonyms

PODXL; podocalyxin-like; podocalyxin; podocalyxin-like protein 1; PC; PCLP-1;

Gene ID

192181

mRNA Refseq

NM_138848

Protein Refseq

NP_620203

UniProt ID

Q9WTQ2

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