

## Recombinant Mouse Podxl Protein, His-tagged

**Cat. No.** Podxl-1956M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Podxl Protein (His22-Ser404) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	His22-Ser404
<b>Description</b>	Involved in cell migration; negative regulation of cell-cell adhesion; and regulation of microvillus assembly. Acts upstream of or within leukocyte migration. Located in apical plasma membrane and microvillus membrane. Is expressed in several structures, including cranium; genitourinary system; intraembryonic coelom; nervous system; and sensory organ. Orthologous to human PODXL (podocalyxin like).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 43.7 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

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48h, and no obvious degradation and precipitation were observed. The loss rate is 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 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

Podxl podocalyxin-like [ *Mus musculus* (house mouse) ]

**Official Symbol**

Podxl

**Synonyms**

PODXL; podocalyxin-like; podocalyxin; podocalyxin-like protein 1; PC; Ly102; Pclp1; PCLP-1; AW121214;

**Gene ID**

27205

**mRNA Refseq**

NM\_013723

**Protein Refseq**

NP\_038751

**UniProt ID**

Q9R0M4

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