

Recombinant Mouse Podxl Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Podxl Protein (His22-Ser404) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	His22-Ser404
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.7 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

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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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