

Recombinant Human PODXL Protein, DDK/HIS-tagged

Cat. No. PODXL-062H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PODXL (Ser23 - Pro461) fused with His/DDK tag at N-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-461 a.a.
Description	This gene encodes a member of the sialomucin protein family. The encoded protein was originally identified as an important component of glomerular podocytes. Podocytes are highly differentiated epithelial cells with interdigitating foot processes covering the outer aspect of the glomerular basement membrane. Other biological activities of the encoded protein include: binding in a membrane protein complex with Na⁺/H⁺ exchanger regulatory factor to intracellular cytoskeletal elements, playing a role in hematopoietic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin. [
Form	DPBS, 10% glycerol
Molecular Mass	44 kda
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

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

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