

Product datasheet for **TP762498**

PODXL (NM_001018111) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human podocalyxin-like (PODXL), transcript variant 1, 273Ser-459Ser, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region (273Ser-459Ser) of PODXL
Tag:	N-His
Predicted MW:	22.4kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001018121
Locus ID:	5420
UniProt ID:	O00592 , Q96N83
RefSeq Size:	5999
Cytogenetics:	7q32.3
RefSeq ORF:	1674
Synonyms:	gp135; Gp200; PC; PCLP; PCLP-1; PDX; PODXL1



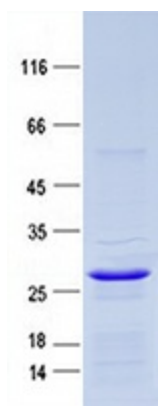
[View online »](#)

Summary:

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. [provided by RefSeq, Jul 2008]

Protein Families:

Transmembrane

Product images:

Purified recombinant protein PODXL was analyzed by SDS-PAGE gel and Coomassie Blue Staining.