

Product datasheet for **TP700181**

PODXL (NM_005397) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens podocalyxin-like (PODXL), transcript variant 2, residues Ser23-Pro461, expressed in HEK293 cells.
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC210816, encoding the extracellular domain (Ser23 - Pro461) of human podocalyxin-like (PODXL), transcript variant 2
Tag:	C-DDK/His
Predicted MW:	44 kda
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 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.
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_005388
Locus ID:	5420
UniProt ID:	O00592 , Q96N83
RefSeq Size:	5911
Cytogenetics:	7q32.3
RefSeq ORF:	1578
Synonyms:	gp135; Gp200; PC; PCLP; PCLP-1; PDX; PODXL1



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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: