

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** A DNA sequence from TrueORF clone, RC210816, encoding the extracellular domain (Ser23 or AA Sequence: Pro461) of human podocalyxin-like (PODXL), transcript variant 2 C-DDK/His Tag: Predicted MW: 44 kda **Concentration:** >0.05 µg/µL as determined by microplate BCA method > 80% as determined by SDS-PAGE and Coomassie blue staining **Purity: 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. Store at -80°C. Storage: 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:** 000592, Q96N83 **RefSeq Size:** 5911 Cytogenetics: 7q32.3 **RefSeq ORF:** 1578 Synonyms: gp135; Gp200; PC; PCLP; PCLP-1; PDX; PODXL1



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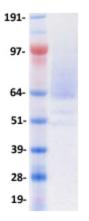
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Summary: This gene encodes a member of the sialomucin protein family. The encoded protein was originally identified as an important component of glomerular podocytes. Podocytes are highly differentiated epithelial cells with interdigitating foot processes 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 hematopoetic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Product images:



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