

PODXL recombinant protein

Recombinant Human PODXL Protein (ECD, hFc Tag), HPLC-verified

CATALOG # AAA259306	HOST HEK293 Cells	REACTIVITY Human
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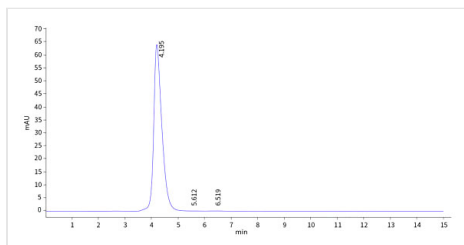
PRODUCT SYNONYMS

PODXL; Recombinant Human PODXL Protein (ECD; hFc Tag); HPLC-verified; Human PODXL Protein (ECD; Fc Tag); podocalyxin-like; gp135 Protein; Human; Gp200 Protein; PC Protein; PCLP Protein; PCLP-1 Protein; PCLP1 Protein; PDX Protein; PODXL1 Protein; PODXL recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Reactivity	Human
Purity/Purification	>= 90% as determined by SDS-PAGE. >= 95% as determined by SEC-HPLC.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence	Ser23-Pro4 61
Tag	C-human IgG1-Fc
Predicted N Terminal	Ser 23
Endotoxin	< 1.0 EU perug of the protein as determined by the LAL method
Protein Construction	A DNA sequence encoding the Human PODXL (O00592)(Ser23-Pro461) was expressed with the Fc region of human IgG1 at the C-terminus.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for PODXL recombinant protein	Podocalyxin-like protein (PODXL) is a member of CD34 family proteins. It is the protein that carries many post-translational epitopes responsible for various pluripotent surface markers including TRA-1-60, TRA-1-81, GCTM2, GP200, and mAb84.Podocalyxin-like 1 (PODXL) was reported to be closely associated with the development of various cancers.KLF4/PODXL signaling pathway assumes an irreplaceable role in tumorigenesis, invasion and metastasis of human GC and PODXL serves as an independent prognostic indicator for GC patients. PODXL may be a novel, non-invasive test biomarker for the detection of pancreatic cancer.
Product Categories/Family for PODXL recombinant protein	Hemangioblast Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	66277202
NCBI GeneID	5420
NCBI Accession #	NP_001018121.1
NCBI GenBank Nucleotide #	NM_001018111.2
UniProt Accession #	O00592 ; Q52LZ7 ; Q53ER6 ; A6NHX8
Molecular Weight	58,635 Da
NCBI Official Full Name	podocalyxin isoform 1
NCBI Official Synonym Full Names	podocalyxin-like
NCBI Official Symbol	PODXL
NCBI Official Synonym Symbols	PC; PCLP; Gp200; PCLP-1
NCBI Protein Information	podocalyxin; GCTM-2 antigen; podocalyxin-like protein 1
UniProt Protein Name	Podocalyxin
UniProt Gene Name	PODXL
UniProt Synonym Gene Names	PCLP; PCLP1; PC; PCLP-1
UniProt Entry Name	PODXL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/podxl-recombinant-protein-hek293-cells/259306>