

Recombinant Human PODXL Protein(GST Tag)

Catalog Number: PDEH100646

Note: Centrifuge before opening to ensure complete recovery of vial contents.

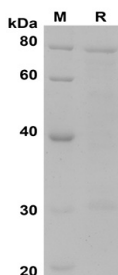
Description

Species	Human
Source	E.coli-derived Human PODXL protein Ser23-Leu428, with an N-terminal GST
Calculated MW	70.6 kDa
Observed MW	78 kDa
Accession	O00592
Bio-activity	Not validated for activity

Properties

Purity	> 80% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of Human PODXL proteins, 2µg/lane of
Recombinant Human PODXL proteins was resolved with
SDS-PAGE under reducing conditions, showing bands at 78
KD

Background

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 diagnostic biomarker for the detection of pancreatic cancer.

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