

Datasheet for ABIN7275472

PODXL2 Protein (AA 33-500) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	PODXL2
Protein Characteristics:	AA 33-500
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PODXL2 protein is labelled with His tag.

Product Details

Purpose:	Human PODXL2 Protein
Sequence:	Gly33-Thr500
Characteristics:	Recombinant Human PODXL2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly33-Thr500.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by SEC-HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	PODXL2
Alternative Name:	PODXL2 (PODXL2 Products)

Target Details

Background: Transmembrane protein endoglycan (PODXL2), which belongs to the CD34-family of highly glycosylated sialomucins. Endoglycan is broadly expressed in the developing mouse brains and is proteolytically shed in vitro in mouse neurons and in vivo in mouse brains. Endoglycan shedding in primary neurons was mediated by the transmembrane protease a disintegrin and metalloprotease 10 (ADAM10), but not by its homolog ADAM17.

Molecular Weight: 51.5 kDa. Due to glycosylation, the protein migrates to 85-115 kDa based on Tris-Bis PAGE result.

UniProt: [Q9NZ53](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

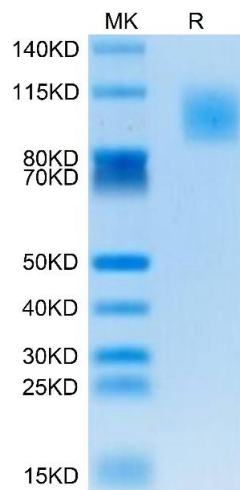
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

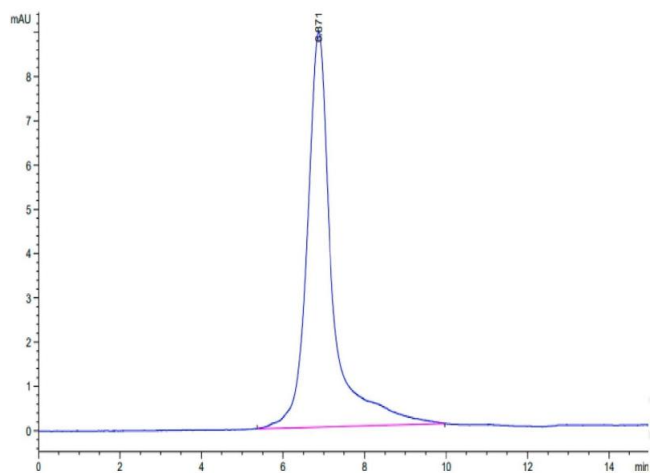
Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human PODXL2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human PODXL2 is greater than 95 % as determined by SEC-HPLC.