

Mouse PODXL2 Protein

Cat. No. POD-MM1L2

Description

| | |
|-------------------------|---|
| Source | Recombinant Mouse PODXL2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val29-Thr499. |
| Accession | Q8CAE9 |
| Molecular Weight | The protein has a predicted MW of 51.7 kDa. Due to glycosylation, the protein migrates to 80-110 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC |

Formulation and Storage

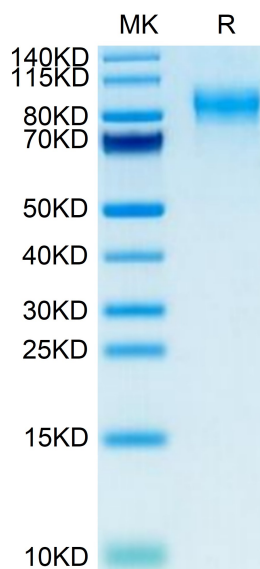
| | |
|--------------------|--|
| Formulation | Supplied as 0.22µm filtered solution in PBS (pH 7.4). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

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.

Assay Data

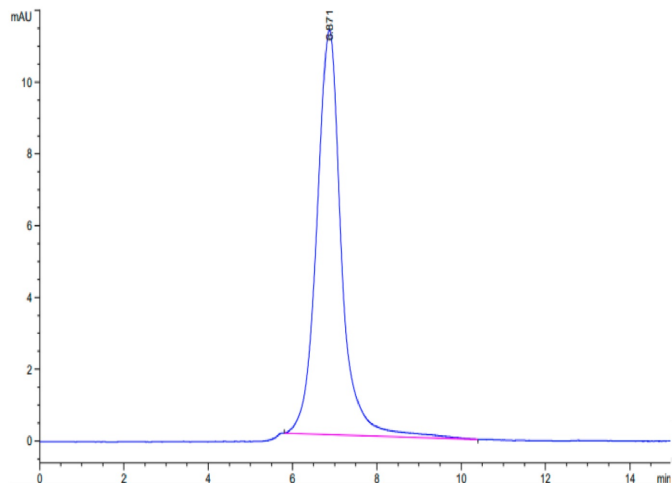
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



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