

Endoglycan/PODXL2 Protein, Human (HEK293, His)

Cat. No.:	HY-P78020
Synonyms:	Endoglycan; PODXL2; brain-1; BRN1; EG; oct-8; OTF8; UNQ1861/PRO3742
Species:	Human
Source:	HEK293
Accession:	Q9NZ53 (G33-T500)
Gene ID:	50512
Molecular Weight:	70-115 kDa

PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from 0.22 μ m filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Endoglycan/PODXL2 Protein functions as a ligand for vascular selectins, facilitating the rapid rolling of leukocytes over vascular surfaces by engaging in high-affinity divalent cation-dependent interactions with E-, P-, and L-selectins. It forms homodimers through disulfide linkages and interacts with specific selectin proteins, including SELL, SELE, and SELP. These interactions underscore its role in mediating crucial adhesive events that contribute to the intricate processes of leukocyte recruitment and vascular homeostasis.
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Caution: Product has not been fully validated for medical applications. For research use only.

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