

HUMAN PODXL2 PROTEIN, HIS TAG

Cat.#: 11839

Product Name: Human PODXL2 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: EG;PODLX2

Target: PODXL2

UNIPROT ID: Q9NZ53

Description: Recombinant Human PODXL2 Protein with C-terminal 6xHis tag

Background: This gene is a member of the CD34 family of cell surface transmembrane proteins, which are characterized by an N-terminal extracellular mucin domain, globular and stalk domains, a single pass transmembrane region, and a charged cytoplasmic tail. The encoded protein is a ligand for vascular selectins. [provided by RefSeq, Oct 2012]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 51.1 kDa after removal of the signal peptide. The apparent molecular mass of PODXL2-His is approximately 70-100 kDa due to glycosylation.

Molecular Characterization: PODXL2(Gly33-Gly499) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Figure 1. Human PODXL2 Protein, His Tag on SDS-PAGE under reducing condition.