

**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.