Human PTPRZ1 full length protein-synthetic nanodisc

Cat. No. FLP100501

PRODUCT INFORMATION

Tag	**Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** C-Flag Tag
Target	PTPRZ1
Synonyms	HPTPZ; HPTPzeta; phosphacan; PTP-ZETA; PTP18; PTPRZ; PTPZ; R-PTP-zeta-2; RPTPB; RPTPbeta
Description	Human PTPRZ1 full length protein-synthetic nanodisc
Delivery	In Stock
Uniprot ID	P23471
Expression Host	HEK293
Protein Families	Druggable Genome, Phosphatase, Transmembrane
Protein Pathways	Epithelial cell signaling in Helicobacter pylori infection
Molecular Weight	The human full length PTPRZ1 protein has a MW of 254.6 kDa
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. Please see Certificate of Analysis for
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.
Background	Protein tyrosine phosphatase that negatively regulates oligodendrocyte precursor proliferation in the embryonic spinal cord. Required for normal differentiation of the precursor cells into mature, fully myelinating oligodendrocytes. May play a role in protecting oligondendrocytes against apoptosis. May play a role in the establishment of contextual memory, probably via the dephosphorylation of proteins that are part of important signaling cascades.
Usage	Research use only
Conjugate	Unconjugated

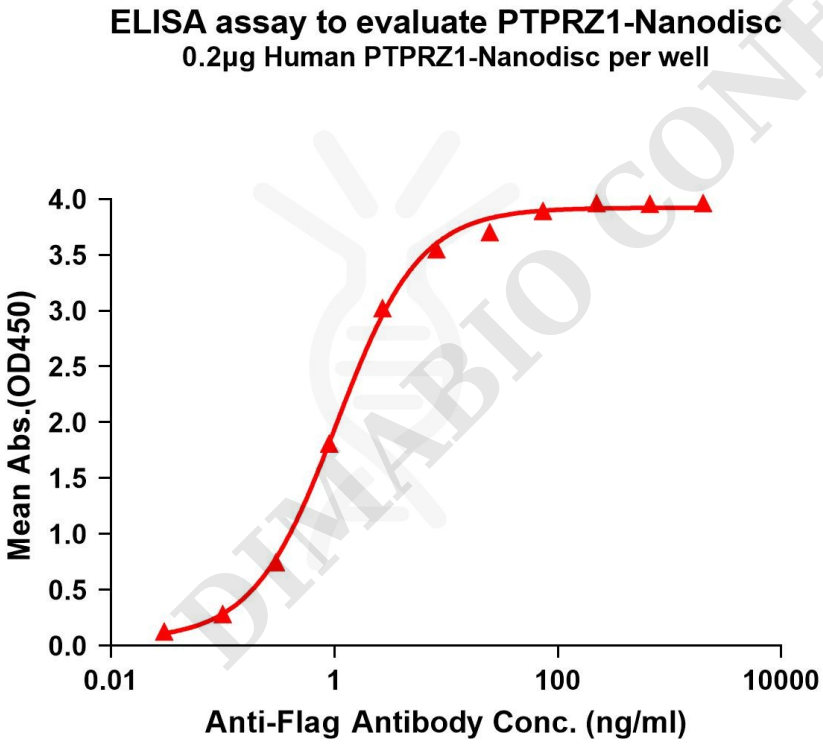


Figure 1. Elisa plates were pre-coated with Flag Tag PTPRZ1-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with PTPRZ1-Nanodisc is 1.047ng/ml.

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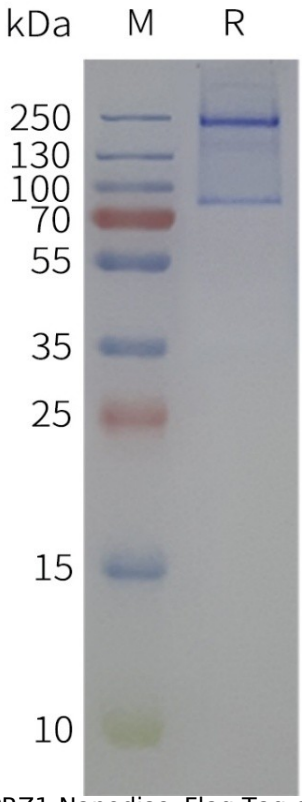


Figure 2. Human PTPRZ1-Nanodisc, Flag Tag on SDS-PAGE

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