PRODUCT INFORMATION

Tag	C-Flag Tag
Target	ENTPD2
Synonyms	CD39L1; NTPDase-2
Description	Human ENTPD2 full length protein-synthetic nanodisc
Delivery	3-4 weeks
Uniprot ID	Q9Y5L3
Expression Host	HEK293
Protein Families	Transmembrane
Protein Pathways	Purine metabolism
Molecular Weight	The human full length ENTPD2 protein has a MW of 53.7 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 specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
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	The protein encoded by this gene is the type 2 enzyme of the ecto-nucleoside triphosphate diphosphohydrolase family (E-NTPDase). E-NTPDases are a family of ecto-nucleosidases that hydrolyze 5'-triphosphates. This ecto-ATPase is an integral membrane protein. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

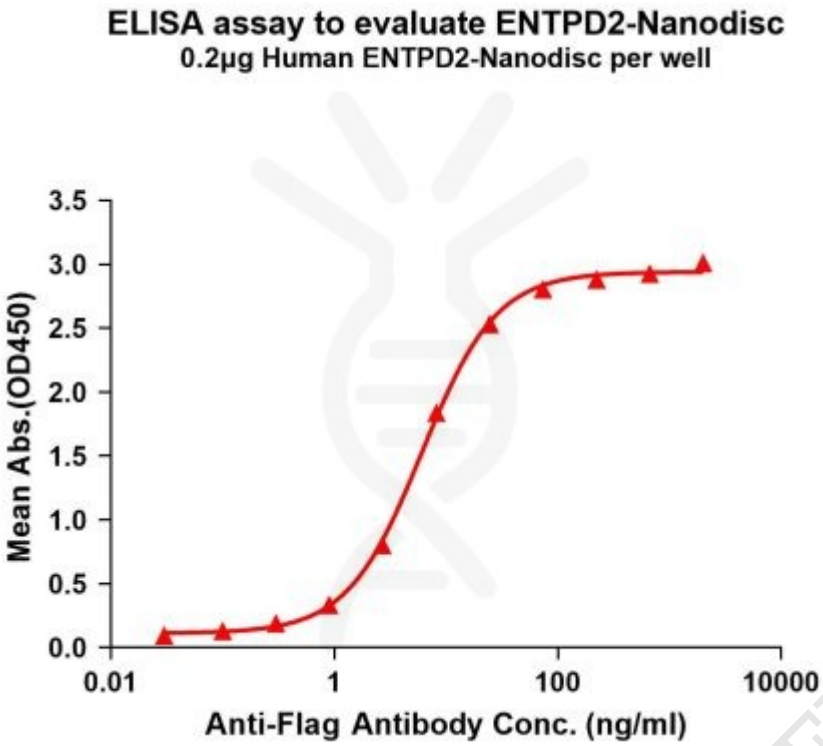

Figure1. Elisa plates were pre-coated with Flag Tag ENTPD2-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with ENTPD2-Nanodisc is 6.083ng/ml.

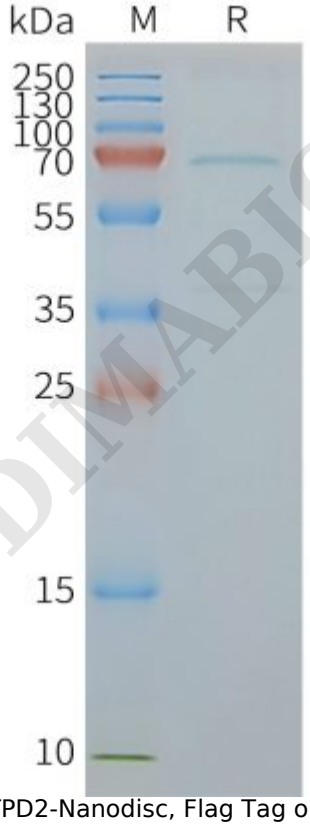

Figure2. Human ENTPD2-Nanodisc, Flag Tag on SDS-PAGE