

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 | |
| 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 |



ELISA assay to evaluate ENTPD2-Nanodisc
0.2µg Human ENTPD2-Nanodisc per well

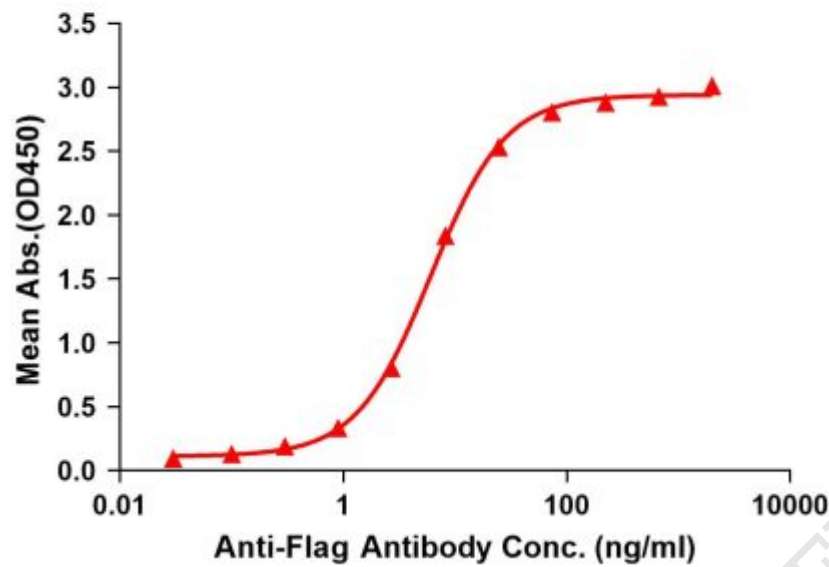


Figure1. Elisa plates were pre-coated with Flag Tag ENTPD2-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with ENTPD2-Nanodisc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



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

