

HUMAN ENTPD2 FULL LENGTH PROTEIN

Cat.#: 11032

Product Name: Human ENTPD2 Full Length Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: CD39L1; NTPDase-2

Target: ENTPD2

UNIPROT ID: Q9Y5L3

Description: Human ENTPD2 full length protein-synthetic nanodisc

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]

Species/Host: HEK293

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.

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.

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

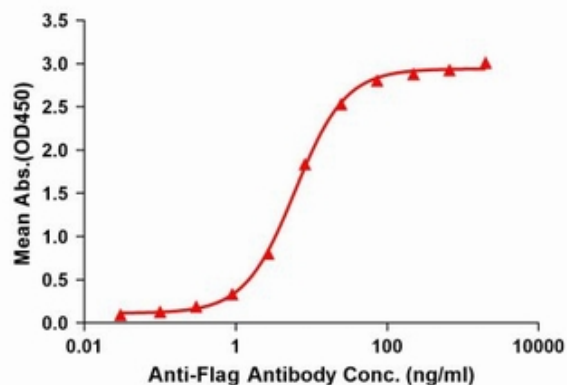


Figure1. Elisa plates were pre-coated with Flag Tag ENTPD2-Nanodisc (0.2 µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with ENTPD2-Nanodisc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



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