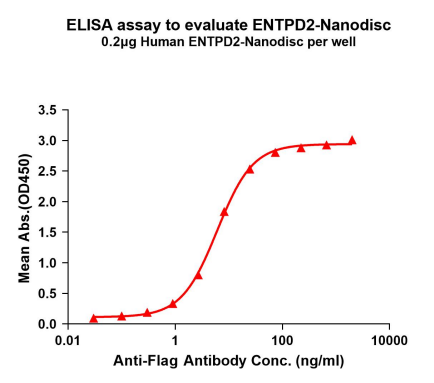
VLP/Nanodisc | Full-Length | HuPro®

ENTPD2 (Human) Recombinant Protein

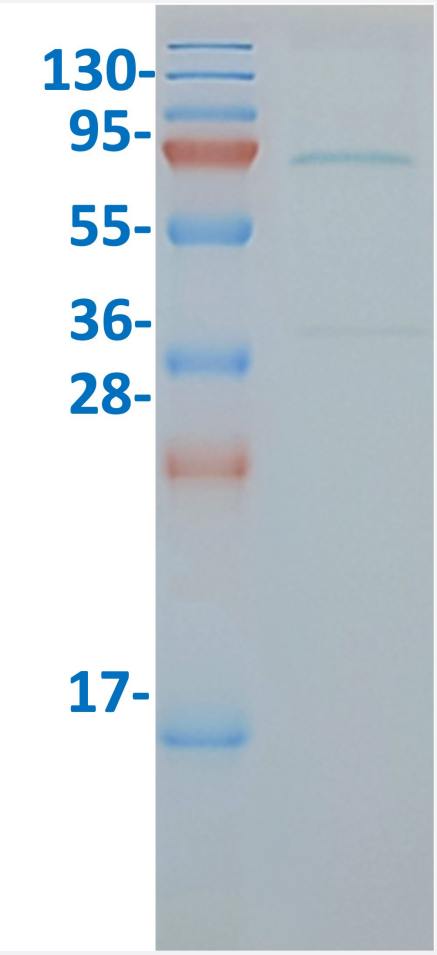
Catalog # P10786 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA plates were pre-coated with Flag Tag ENTPD2-Nanodisc (0.2 ug/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC_{50} for anti-Flag monoclonal antibody binding with ENTPD2-Nanodisc is 6.083 ng/mL.



SDS-PAGE

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

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Specification

Product Description	Human ENTPD2 (Q9Y5L3, 1 a.a. - 495 a.a.) full-length recombinant protein-Nanodisc.
Sequence	MAGKVRSLLPPLLLAAAGLAGLLLLCVPTRDVREPPALKYGIVLDAGSSHTSMFIYKWPA DKEND TGIVGQHSSCDVPGGGISSYADNPSGASQSLVGCLEQALQDVPKERHAGTPLYLG ATAGMRLLN LTNPEASTSVLMAVTHTLTQYPFDFRGARILSGQEEGVFGWVTANYLLENF IKYGWVGRWFRPRK GTLGAMDLGGASTQITFETTSPAEDRASEVQLHLYGQHYRVYTHSF LCYGRDQVLQRLLASALQT HGFHPCWPRGFSTQVLLGDVYQSPCTMAQRPQNFNSSARVS LSGSSDPHLCRDLVSGLFSFS SCPFSRCSFNGVFQPPVAGNFVAFSAFFYTVDFLRTSMG LPVATLQQLEAAAVNVCNQTWAQL QARVPGQRARLADYCAGAMFVQQLLSRGYGFDERAF GGVIFQKKAADTAVGWALGYMLNLTNLI PADPPGLRKGTDFSSWVVLLLLFASALLAALV LLLRQVHSAKLPSTI
Host	Human
Theoretical MW (kDa)	53.7
Reactivity	Human
Form	Lyophilized
Conjugation	Unconjugated
Preparation Method	Mammalian cell (HEK293) expression system
Recommend Usage	ELISA SDS-PAGE
Storage Buffer	Lyophilized from 20 mM Tris-HCl, 150 mM NaCl, pH 8.0 (5% trehalose).
Storage Instruction	Store at -20°C to -80°C for 12 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

  ELISA plates were pre-coated with Flag Tag ENTPD2-Nanodisc (0.2 ug/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC_{50} for anti-Flag monoclonal antibody binding with ENTPD2-Nanodisc is 6.083 ng/mL.

- SDS-PAGE

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

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Gene Info — ENTPD2

Entrez GeneID	954
Protein Accession#	Q9Y5L3
Gene Name	ENTPD2
Gene Alias	CD39L1, NTPDase-2
Gene Description	ectonucleoside triphosphate diphosphohydrolase 2
Omim ID	602012
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the type 2 enzyme of the ecto-nucleoside triphosphate dipho sphohydrolase family (E-NTPDase). E-NTPDases are a family of ecto-nucleosidases that hydroly ze 5'-triphosphates. This ecto-ATPase is an integral membrane protein. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq
Other Designations	CD39-like-1|OTTHUMP00000022628|OTTHUMP00000022629|ecto-ATPase

Pathway

- Purine metabolism

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