

Human CellExp ENPP-2 / Autotaxin, human recombinant protein
ENPP2, E-NPP 2, Autotaxin, LysoPLD, ATX, PDNP2, ATX-X, NPP2, PD-IALPHA
Catalog # PBV11135r

Specification

Human CellExp ENPP-2 / Autotaxin, human recombinant protein - Product info

Primary Accession
Calculated MW

[Q13822](#)

This protein is fused with polyhistidine tag at the N-terminus, has a calculated MW of 94.5 kDa. The predicted N-terminus is Asp 49. DTT-reduced Protein migrates as 120-130 kDa due to glycosylation. KDa

Human CellExp ENPP-2 / Autotaxin, human recombinant protein - Additional Info

Gene ID	5168
Gene Symbol	ENPP2
Other Names	
ENPP2, E-NPP 2, Autotaxin, LysoPLD, ATX, PDNP2, ATX-X, NPP2, PD-IALPHA	
Gene Source	Human
Source	HEK293 cells
Assay&Purity	SDS-PAGE; ≥92%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	>8000 pmol/min/ µg
Target/Specificity	
ENPP-2 / Autotaxin	

Application Notes

Centrifuge the vial prior to opening. Reconstitute in PBS, pH 7.4. Do not vortex.

Format

Lyophilized

Storage

-20°C; Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 150 mM NaCl, pH 7.5. Normally Mannitol or Trehalose are added as protectants before lyophilization.

Human CellExp ENPP-2 / Autotaxin, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp ENPP-2 / Autotaxin, human recombinant protein - Images

Human CellExp ENPP-2 / Autotaxin, human recombinant protein - Background

Autotaxin also known as ectonucleotide pyrophosphatase / phosphodiesterase family member 2 (E-NPP 2 or ENPP2), Extracellular lysophospholipase D (LysoPLD), Autotaxin (ATX or ATX-X), which belongs to the nucleotide pyrophosphatase / phosphodiesterase family. ENPP2 contains two SMB (somatomedin-B) domains. ENPP2 hydrolyzes lysophospholipids to produce lysophosphatidic acid (LPA) in extracellular fluids. ENPP2 can act on sphingosylphosphorylcholine producing sphingosine-1-phosphate, a modulator of cell motility. ENPP2 stimulates migration of melanoma cells, probably via a pertussis toxin-sensitive G protein.

Human CellExp ENPP-2 / Autotaxin, human recombinant protein - References

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