

Datasheet for ABIN7274534

ENPP2 Protein (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ENPP2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENPP2 protein is labelled with His tag.

Product Details

Sequence:	Asp49-Ile863
Purity:	> 95% as determined by Tris-Bis PAGE, > 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	ENPP2
Alternative Name:	ENPP-2 (ENPP2 Products)
Background:	PDNP2, ATX-X, NPP2, PD-IALPHA, ENPP-2, E-NPP 2, Autotaxin, LysoPLD, ATX, Ectonucleotide pyrophosphatase/phosphodiesterase 2 (ENPP2) also known as Autotaxin, is a secreted lysophospholipase D, which hydrolyzes lysophosphatidylcholine (LPC) into Lysophosphatidic acid (LPA). ENPP2 is an essential protein for normal development and its altered expression is associated with various human diseases.

Target Details

Molecular Weight: 94.8 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Tris-Bis PAGE result.

NCBI Accession: [NP_001035181](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

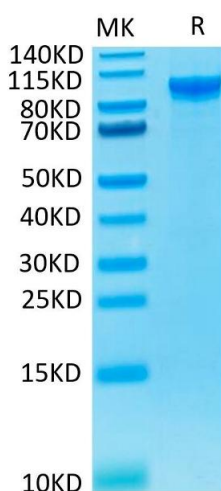
Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.

Storage: 4 °C, -80 °C

Storage Comment: Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

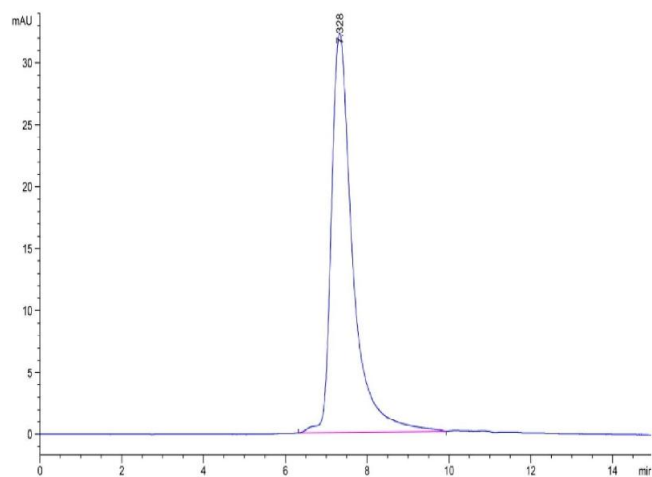
Expiry Date: 12 months

Images



SDS-PAGE

Image 1. Human ENPP-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human ENPP-2 is greater than 95 % as determined by SEC-HPLC.