Rev04
Update: Aug,20,2025

DATASHEET

ENPP-2/Autotaxin, His, Human

Cat. No.: Z05241

Product Introduction

Species	Human
Protein Construction	
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per μg by the LAL method.
Biological Activity	Measured by its ability to cleave Bis (pNitrophenyl) Phosphate (BPNPP). Test result meets the standard.
Expression System	HEK293
Theoretical Molecular Weight	94.8 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 95-115 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 6 months at -20°C or below. Upon reconstitution, the product should be stable for 3 months at -80°C. Avoid repeated freeze-thaw cycles.

Examples

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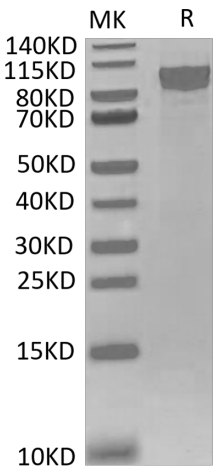
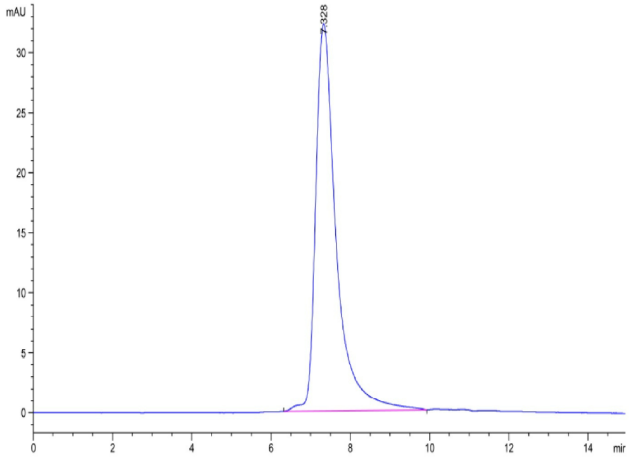


ENPP-2/Autotaxin, His, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of ENPP-2/Autotaxin, His, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : 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.

Synonyms : PDNP2; ATX-X; NPP2; PD-IALPHA; ENPP-2; E-NPP 2; Autotaxin; LysoPLD; ATX

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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