antibodies

Datasheet for ABIN7274542 ENPP3 Protein (AA 558-875) (His tag)

2 Images



Overview

Quantity:	100 µg
Target:	ENPP3
Protein Characteristics:	AA 558-875
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENPP3 protein is labelled with His tag.

Product Details

Purpose:	Human ENPP-3 Protein
Sequence:	Lys558-Ile875
Characteristics:	Recombinant Human ENPP-3(558-875) Protein is expressed from HEK293 with His tag at the N-Terminus.It contains Lys558-Ile875.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per μ g by the LAL method.

Target Details

Target:	ENPP3
Alternative Name:	ENPP-3 (ENPP3 Products)

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Target Details	
Background:	Ectonucleotide pyrophosphatase-phosphodiesterase 3 (ENPP3), a protein detected in the human uterus, has been found to play an important role in the development and invasion of tumours. It was recently discovered that ENPP3 was upregulated during the window of implantation in the human endometrium but its functional relevance remains elusive.
Molecular Weight:	39.06 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
UniProt:	014638
Pathways:	Regulation of Muscle Cell Differentiation, Negative Regulation of Transporter Activity
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

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SDS-PAGE

Image 1. Human ENPP-3(558-875) 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-3(558-875) is greater than 95 % as determined by SEC-HPLC.

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