Datasheet for ABIN7274535
ENPP1 Protein (AA 98-925) (His tag)

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Overview

Quantity:	100 μg
Target:	ENPP1
Protein Characteristics:	AA 98-925
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENPP1 protein is labelled with His tag.

Product Details
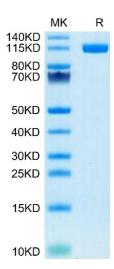
Purpose:	Human ENPP-1 Protein
Sequence:	Lys98-Asp925
Characteristics:	Recombinant Human ENPP-1 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Lys98-Asp925.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 μm filtered
Endotoxin Level:	Less than 1EU per μg by the LAL method.

Target Details

Target:	ENPP1
Alternative Name:	ENPP-1 (ENPP1 Products)

Target Details

Background:	Ectonucleotide pyrophosphatase/phosphodiesterase (ENPP)-1 is a membrane-bound protein that catalyzes the hydrolysis of extracellular nucleoside triphosphates to monophosphate and extracellular inorganic pyrophosphate (ePPi). Mechanical stimulation regulates ENPP-1 expression.
Molecular Weight:	96.5 kDa. Due to glycosylation, the protein migrates to 110-115 kDa based on Tris-Bis PAGE result.
UniProt:	P22413
Pathways:	Regulation of Carbohydrate Metabolic Process

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

Images

MK	R
140KD	
115KD	
80KD	
70KD	
50KD	
40KD	
30KD	
25KD	
15KD	
10KD	