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Datasheet for ABIN7454109

**ENPP1 Protein (AA 80-906) (His tag)**

## Overview

Quantity:	100 µg
Target:	ENPP1
Protein Characteristics:	AA 80-906
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENPP1 protein is labelled with His tag.

## Product Details

Purpose:	Mouse ENPP-1 Protein
Sequence:	Lys80-Asp906
Characteristics:	Recombinant Mouse ENPP-1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Lys80-Asp906.
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 ( <a href="#">ENPP1 Products</a> )

## 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:	95.99 kDa. Due to glycosylation, the protein migrates to 100-110 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

Restrictions:	For Research Use only
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## 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