

Datasheet for ABIN7597385

**ENPP3 Protein (AA 546-875) (His tag)**[Go to Product page](#)

## Overview

Quantity:	10 µg
Target:	ENPP3
Protein Characteristics:	AA 546-875
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENPP3 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant human ENPP3(546-875) Protein with N-terminal 10xHis tag
Sequence:	10xHis tag ENPP3(Pro546-Ile875)
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	ENPP3
Alternative Name:	ENPP3 ( <a href="#">ENPP3 Products</a> )
Background:	<p>B10, NPP3, PDNP3, CD203c, PD-IBETA</p> <p>The protein encoded by this gene belongs to a series of ectoenzymes that are involved in hydrolysis of extracellular nucleotides. These ectoenzymes possess ATPase and ATP pyrophosphatase activities and are type II transmembrane proteins. Expression of the related</p>

## Target Details

rat mRNA has been found in a subset of immature glial cells and in the alimentary tract. The corresponding rat protein has been detected in the pancreas, small intestine, colon, and liver. The human mRNA is expressed in glioma cells, prostate, and uterus. Expression of the human protein has been detected in uterus, basophils, and mast cells. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Oct 2015]

**Molecular Weight:** predicted molecular mass of 39.0 kDa after removal of the signal peptide. The apparent molecular mass of His-ENPP3(546-875) is 55-70 kDa due to glycosylation.

**UniProt:** [O14638](#)

**Pathways:** [Regulation of Muscle Cell Differentiation](#), [Negative Regulation of Transporter Activity](#)

## Application Details

**Application Notes:** Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

**Comment:** The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.

**Storage:** -20 °C, -80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months