Datasheet for ABIN7597384

ENPP3 Protein (AA 99-330) (Fc Tag)

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Overview

Quantity:	10 µg
Target:	ENPP3
Protein Characteristics:	AA 99-330
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENPP3 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human ENPP3(94-159) Protein with N-terminal human Fc tag
Sequence:	hFc(Glu99-Ala330) ENPP3(Arg94-Pro159)
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 (ENPP3 Products)
Background:	B10, NPP3, PDNP3, CD203c, PD-IBETA 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

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 33.7 kDa after removal of the signal peptide. The apparent molecular mass of hFc-ENPP3(94-159) is 35-55 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