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Datasheet for ABIN7317209 PNLIPRP2 Protein (His tag)

Overview

Quantity:	100 µg
Target:	PNLIPRP2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PNLIPRP2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Galactolipase/PLRP2 Protein (His Tag)
Sequence:	Met 1-Cys469
Characteristics:	A DNA sequence encoding the human PNLIPRP2 (P54317) (Met 1-Cys469) was expressed, with a C-terminal polyhistidine tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PNLIPRP2
Alternative Name:	Galactolipase/PLRP2 (PNLIPRP2 Products)
Background:	Background: Galactolipase, also known as PNLIPRP2, is a lipase with broad substrate specificity. It can hydrolyze both phospholipids and galactolipids. Galactolipase acts preferentially on monoglycerides, phospholipids and galactolipids. It also hydrolyses milk fat

Target Details

with a lower catalytic efficiency. The expressed galactolipase shows a lipolytic activity that is, however, only marginally dependent on the presence of colipase. The lipolytic activity of pancreatic extracts and human pancreatic juice on Labrasol is mainly due to the combined action of carboxyl ester hydrolase and galactolipase.

Synonym: Pancreatic Lipase-Related Protein 2, PL-RP2, Galactolipase, PNLIPRP2, PLRP2

Molecular Weight: 51.5 kDa

UniProt: [P54317](#)

Pathways: [Lipid Metabolism](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 10 % glycerol

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.