

Recombinant Human PNLIPRP1 / PLRP1 Protein (His tag)

Cat.NO.: TP06932

3th Edition

Synonyms:PLRP1

Description:PNLIPRP1, also known as PLRP1, belongs to the AB hydrolase superfamily, Lipase family. PNLIPRP1 is structurally similar to PLRP2. However, these two proteins display different functional properties. PNLIPRP1 may function as inhibitor of dietary triglyceride digestion. It lacks detectable lipase activity towards triglycerides, diglycerides, phosphatidylcholine, galactolipids or cholesterol esters. PLRP2 hydrolyses milk fat with a lower catalytic efficiency than that of PL. PLRP2 activity, higher on homogenized than on native milk fat, is differently influenced by fatty acids and colipase depending on a proteolytic cleavage in the lid domain.

Form:PBS

Molecular Weight:51.4 kDa

Sequences:Met 1-Cys467

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.