

Recombinant Human Pancreatic Lipase-Related Protein 1/PLRP1 Protein(C-6His)

Cat.NO.: TP05771

3th Edition

Synonyms: Pancreatic Lipase-Related Protein 1; PL-RP1; PNLIPRP1; PLRP1

Description: Pancreatic Lipase-Related Protein 1 (PNLIPRP1) belongs to the Lipase family within the AB hydrolase superfamily. PNLIPRP1 is a secreted protein and contains one PLAT domain. PNLIPRP1 is involved in lipid metabolic process, acting as a negative regulator of pancreatic lipase activity by competing with pancreatic lipase for colipase occupancy. PNLIPRP1 may play a role in inhibiting dietary triglyceride digestion, but it lacks detectable lipase activity towards triglycerides, diglycerides, phosphatidylcholine, galactolipids or cholesterol esters.

Form: PBS

Molecular Weight: 51.0 kDa

Sequences: Lys18-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.