

Recombinant Human PNLIPRP1/PLRP1 Protein (His Tag)

Catalog Number: PKSH032849

Note: Centrifuge before opening to ensure complete recovery of vial contents.

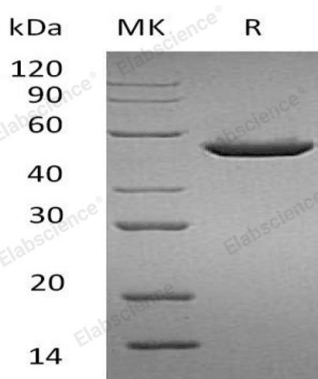
Description

Species	Human
Source	HEK293 Cells-derived Human PNLIPRP1;PLRP1 protein Lys 18-Cys467, with an C-terminal His
Calculated MW	51.0 kDa
Observed MW	44-50 kDa
Accession	AAH25784.1
Bio-activity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Reconstitution	Please refer to the specific buffer information in the printed manual.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

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.

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