

Recombinant Human PLRP2

Catalog No: CA52

Description	Recombinant Human Pancreatic Lipase-Related Protein 2 is produced by our Mammalian expression system and the target gene encoding Lys18-Cys469 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Pancreatic Lipase-Related Protein 2; PL-RP2; Galactolipase; PNLIPRP2; PLRP2
Accession No.	P54317
Formulation	Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, 1mM GaCl ₂ , 10%Glycerol, pH7.5.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid Sequence

KEVCYGQLGCFSDKWPAGTLQRPVKLLPWSPEDIDTRFLLYTNENPNNFQLITGTEPDTIEASNFQLDR
KTRFIIHGFLDKAEDSWPSDMCKMFEVEKVNICVDWRHGSRAMYTQAVQNIRVVGAETAFLIQALSTQ
LGYSLEDVHVIGHSLGAHTAAEAGRRLGGRVGRITGLDPAGPCFQDEPEEVRLDPSDAVFVDVIHTDSSP
IVPSLGFGMSQKVGHLDFFPNGGKEMPGCKKNVLSTITDIDGIWEGIGGFVSCNHLRSFEYYSSSVLNP
GFLGYPCASYDEFQESKCFPCPAEGCPKMGHYADQFKGKTSAVEQTFFLNTGESGNFTSWRYKVS
VTL SGKEKVNGYIRIALYGSNENSKQYEIFKGSLKPDASHTCAIDVDFNVGKIQKVFLWNKRGINLSEPKLGA
S QITVQSGEDGTEYNFCSSDTVEENVLQSLYPCLDHHHHHH

Background

Pancreatic Lipase-Related Protein 2 (PNLIPRP2) is a secreted protein that belongs to the Lipase family of AB hydrolase superfamily. PNLIPRP2 is a lipase with broad substrate specificity that contains one PLAT domain. PNLIPRP2 is expressed mainly in pancreas. PNLIPRP2 can hydrolyze both phospholipids and galactolipids. PNLIPRP2 acts preferentially on monoglycerides, phospholipids and galactolipids. PNLIPRP2 also contributes to milk fat hydrolysis.

SDS-Page

