

Galactolipase / PNLIPRP2 Recombinant Protein | PNLIPRP2 recombinant protein

Recombinant Human Galactolipase / PNLIPRP2 Protein (His tag)

CATALOG #
AAA173524

HOST
Baculovirus-Insect Cells

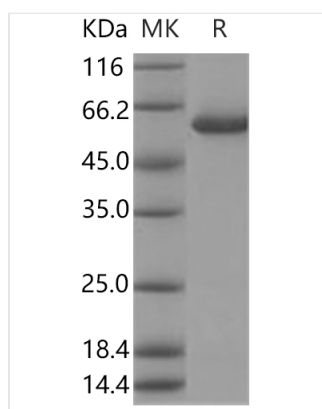
PRODUCT SYNONYMS

Galactolipase / PNLIPRP2; Recombinant Human Galactolipase / PNLIPRP2 Protein (His tag); Pancreatic Lipase-Related Protein 2; PL-RP2; Galactolipase; PNLIPRP2; PLRP2; PNLIPRP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus-Insect Cells
Purity/Purification	> 95 % as determined by reducing SDS-PAGE
Form/Format	Lyophilized from sterile 20mM PB, 500mM NaCl, 10% Glycerol. pH7.0, 5% Trehalose, 5% Mannitol, 0.01% Tween-80
Sequence	Met1-Cys46 9
Sequence Length	470
Species	Human
Endotoxin	< 1.0 EU per mug of the protein as determined by the LAL method
Tag	C-His
Reconstitution	We recommend centrifuging the vial before opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/mL. Concentration is measured by UV-Vis.
Preparation and 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 to 8°C for 2 to 7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PNLIPRP2 recombinant protein	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 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	106507261
NCBI GeneID	5408
NCBI Accession #	NP_005387.2
NCBI GenBank Nucleotide #	NM_005396.4
UniProt Accession #	P54317; Q6IB55; A8K627
Molecular Weight	Molecular Mass: 51.56 kDa AP Molecular Mass: 57 kDa
NCBI Official Full Name	pancreatic lipase-related protein 2
NCBI Official Synonym Full Names	pancreatic lipase related protein 2 (gene/pseudogene)
NCBI Official Symbol	PNLIPRP2
NCBI Official Synonym Symbols	PLRP2
NCBI Protein Information	pancreatic lipase-related protein 2
UniProt Protein Name	Pancreatic lipase-related protein 2
UniProt Gene Name	PNLIPRP2
UniProt Synonym Gene Names	PL-RP2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.