

Recombinant Human Galactolipase/PLRP2 Protein (His Tag)



Catalog Number:PKSH032850

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

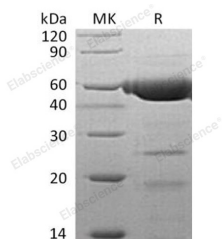
Description

Synonyms	Pancreatic Lipase-Related Protein 2;PL-RP2;Galactolipase;PNLIPRP2;PLRP2
Species	Human
Expression Host	HEK293 Cells
Sequence	Lys18-Cys469
Accession	AAH05989.1
Calculated Molecular Weight	51.2 kDa
Observed molecular weight	62 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM CaCl ₂ , 10% Glycerol, pH 7.5.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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