antibodies -online.com





Lipoprotein Lipase Protein (LPL) (AA 28-475) (His tag)



Go to Product page

()	11/0	K\ /	iew
	\cup	'I V/I	$I \cap VV$

Quantity:	100 μg
Target:	Lipoprotein Lipase (LPL)
Protein Characteristics:	AA 28-475
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lipoprotein Lipase protein is labelled with His tag.

Product Details

Sequence:	Ala 28-Gly 475	
Characteristics:	A DNA sequence encoding the Human LPL protein (P06858) (Ala 28-Gly 475) was expressed with a N-HIS tag.	
Purity:	> 95 % as determined by reducing SDS-PAGE.	

Target Details

Target:	Lipoprotein Lipase (LPL)
Alternative Name:	LPL (LPL Products)
Background:	Abbreviation: LPL
	Target Synonym: LIPL,Lipoprotein lipase (LPL),LPL LIPD
	Background: LPL (LipoProtein Lipase, also LIPD) is a 53-56 kDa glycoprotein member of the
	Lipase family, AB Hydrolase superfamily of molecules. It is produced by multiple cell types,

Target Details

Target Details	
	including adipocytes, skelelal muscle cells and macrophages. Once secreted, the circulating enzyme ultimately becomes immobilized on the surface of endothelium by binding to cell surface heparan sulfate. Here, it hydrolyzes triglycerides embedded in chylomicrons and VLDLs by homodimerizing and interacting with apoC2.
Molecular Weight:	Calculated MW: 49.17 kDa Observed MW: 55 kDa
UniProt:	P06858
Pathways:	Lipid Metabolism
Application Details	
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months