

Lipoprotein lipase, Pseudomonas sp

Cat. No.:	HY-P2752
CAS No.:	9004-02-8
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Lipoprotein lipase

SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 50 mg/mL

* "≥" means soluble, but saturation unknown.

BIOLOGICAL ACTIVITY

Description

Lipoprotein lipase, Pseudomonas sp (LPL) is a multifunctional enzyme from adipose tissue, heart and skeletal muscle, islets and macrophages. Lipoprotein lipase promotes normal lipoprotein metabolism, delivery and utilization of tissue-specific substrates. Lipoprotein lipase catalyzes the rate-limiting step of lipids in blood circulation^{[1][2]}.

REFERENCES

[1]. Wang H, et al. Lipoprotein lipase: from gene to obesity. Am J Physiol Endocrinol Metab. 2009 Aug;297(2):E271-88.

[2]. Enerbäck S, et al. Lipoprotein lipase gene expression: physiological regulators at the transcriptional and post-transcriptional level. Biochim Biophys Acta. 1993 Aug 11;1169(2):107-25.

Caution: Product has not been fully validated for medical applications. For research use only.

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