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Datasheet for ABIN1458775

Lipoprotein Lipase Protein (LPL) (AA 26-490) (His tag)

Overview

Quantity:	1 mg
Target:	Lipoprotein Lipase (LPL)
Protein Characteristics:	AA 26-490
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lipoprotein Lipase protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SDPEA EMNFEGIESK FSLRTPAEPD EDVCYLVPDQ MDSLAQC�FN HTSKTFVVIH GWTVTGMYES WPKLVDAFY KREPDSNVIV VDWLVRQQH YPVSAAATKL VGKDVAMFID WMEEKFNYPL NNVHLLGYSL GAHAAGIAGS LTKKKVNRIT GLDPAGPTFE YADAPIRLSP DDADFVDVLH TYTRGSPDRS IGIQKPVGHI DIYPNGGGFQ PGCNLGEALR LIAEKGFSDF DQLVKCSHER SIHLFIDSLL YEEKPSMAYR CNTKEAFEKG LCLSCRKNRC NNLGYKVNRF RTRKNTKMYL KTRAQMPYKV FHYQVKIHFF GKTNTKVDQ PFLISLYGTL DESENIPTFL PEVSSNKTFS FLIYTEVDIG DLLMLKLQWE KDTFFSWSDW WTPFAFTIQR VRVKSGETQK KVVFCSDGS SRLGKGEEAA IFVKCLEQPV SRKRGGAKKA SKENSAHESA
Specificity:	Gallus gallus (Chicken)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: Lipoprotein Lipase (LPL)

Abstract: [LPL Products](#)

Background: Recommended name: Lipoprotein lipase.
Short name= LPL.
EC= 3.1.1.34

UniProt: [P11602](#)

Pathways: [Lipid Metabolism](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.