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Datasheet for ABIN1621990

LIPF Protein (AA 20-397) (His tag)

Overview

Quantity:	1 mg
Target:	LIPF
Protein Characteristics:	AA 20-397
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIPF protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>F LGKIAKNPEA SMNVSQMISY WGYPSSEMHKV ITADGYILQV YRIPHGKNNNA NHLGQRPVVF</p> <p>LQHGLLG SAT NWISNLPKNS LGFLLADAGY DVWLGNSRGN TWAQEHLYYS PDSPEFWAFS</p> <p>FDEMAEYDLP STIDFILRRT GQKKLHYVGH SQGTTIGFIA FSTSPTLAEK IKVFYALAPV</p> <p>ATVKYTKSLF NKLALIPHFL FKIIFGDKMF YPHTFLEQFL GVEMCSRETL DVLCKNALFA</p> <p>ITGVDNKNFN MSRLDVYIAH NPAGTSVQNT LHWRQAVKSG KFQAFDWGAP YQNLMHYHQP</p> <p>TPPIYNLTAM NVPIAVWSAD NDLLADPQDV DFLLSKLSNL IYHKEIPNYN HLDFIWAMDA</p> <p>PQEVYNEIVS LMAEDKK</p>
Specificity:	Bos taurus (Bovine)
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.
Purity:	> 90 %

Target Details

Target:	LIPF
Alternative Name:	Gastric triacylglycerol lipase (LIPF) (LIPF Products)
Background:	Recommended name: Gastric triacylglycerol lipase. Short name= GL. Short name= Gastric lipase. EC= 3.1.1.3. Alternative name(s): Pregastric esterase. Short name= PGE
UniProt:	Q29458

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