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Datasheet for ABIN1643670 LIPG Protein (AA 24-493) (His tag)



Overview	
Quantity:	1 mg
Target:	LIPG
Protein Characteristics:	AA 24-493
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIPG protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	TLRPQGS LRDEHHKPTG VPVTITTKPS VTFNIRTSKD PEHEGCNLSL GDSKLLENCG
	FNMTAKTFFI IHGWTMSGMF ESWLHKLVSA LQTREKEANV VVVDWLPLAH QLYIDAVSNT
	RVVGRRVAGM LNWLQEKGEF SLGDVHLIGY SLGAHVAGYA GNFVKGTVGR ITGLDPAGPM
	FEGVDINRRL SPDDADFVDV LHTYTLSFGL SIGIRMPVGH IDIYPNGGDF QPGCGFNDVM
	GSFAYGTISE MVKCEHERAV HLFVDSLVNQ DKPSFAFQCT DPNRFKRGIC LSCRKNRCNN
	IGYNAKKMRK KRNSKMYLKT RAGMPFRVYH YQLKVHMFSY KNSGDIQPDL YITLYGSNAD
	SQNLPLEIVE KIELNATNTF LVYTEEYLGD LFKIRLTWEG VSSSWYNLWN EFRSYLSQPS
	SPSRELHIRR IRVKSGETQR KVAFCVQDPM KNSISPGQEL WFYKCQNDCR VKN
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

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Product Details

Purity:

> 90 %

Target Details

Target:	LIPG
Alternative Name:	Endothelial lipase (Lipg) (LIPG Products)
Background:	Recommended name: Endothelial lipase.
	EC= 3.1.1.3.
	Alternative name(s): Endothelial-derived lipase.
	Short name= EDL
UniProt:	Q8VBX1

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 modificated 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

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

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