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Datasheet for ABIN7479360
MGLL Protein (AA 1-303) (His tag)

Overview

Quantity:	100 µg
Target:	MGLL
Protein Characteristics:	AA 1-303
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MGLL protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPEASSPRRT PQNVPYQDLP HLVNADGQYL FCRYWKPSGT PKALIFVSHG AGEHCGRYDE LAQMLKRLDM LVFAHDHVGH GQSEGERMVV SDFQVFVRDL LQHVNTVQKD YPEVPVFLLG HSMGGAISIL AAAERPTHFS GMILISPLIL ANPESASTLK VLAACKLLNFV LPNISLGRID SSVLSRNKSE VDLYNSDPLI CHAGVKVCFG IQLLNAVSRV ERAMPRLTLP FLLLQGSADR LCDSKGAYLL MESSPSQDKT LKMYEGAYHV LHKELPEVTN SVLHEINTWV SHRIAVAGAR CLP
Specificity:	Rattus norvegicus (Rat)
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: MGLL

Abstract: [MGLL Products](#)

Background: Recommended name: Monoglyceride lipase.
Short name= MGL.
EC= 3.1.1.23.
Alternative name(s): Monoacylglycerol lipase.
Short name= MAGL

UniProt: [Q8R431](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling, 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 modified 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.