

Datasheet for ABIN1667780

GLMM Protein (AA 1-444) (His tag)



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Overview

Quantity:	1 mg
Target:	GLMM
Protein Characteristics:	AA 1-444
Origin:	Mycobacterium avium
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLMM protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGRLFGTDGV RGVANRELTA ELALALGAAA ARQLASGSAP GRRVAVIGRD PRASGEMLEA AVIAGLTSQG VDALRVGVLP TPAVAYLTGA YDADFGVMIS ASHNPMPDNG IKIFGPGGHK LDDGTEDRIE ALVGDAGPRP VGAGIGRVID AEDAADRYLR HLSKASTLRL DGLTVVVDCA HGAASSVAPR AYRAAGARVI AINADPNGLN INDNCGSTHL DSLRAAVVAH RADLGLAHDG DADRCLAVDA DGNLVDGDHI MVVLALAMRE AGELASDTLV TTVMSNLGLH LAMRSAGITV RTTGVGDRYV VEELRAGDYS LGGEQSGHIV MPALGSTGDG IVTGLRLMTR MAQTGSPLSD LASAMQTL PQ VLINVTVADK ATAATAPSVQ TAVGQAAAEL GDTGRILLRP SGTEPMIRVM VEAPEKDIAQ RLATRVAEAV SAAR
Specificity:	Mycobacterium avium (strain 104)
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: GLMM

Abstract: [GLMM Products](#)

Background: Recommended name: Phosphoglucosamine mutase.
EC= 5.4.2.10

UniProt: [A0QKT1](#)

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.