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Datasheet for ABIN1676845
PKS11 Protein (AA 1-353) (His tag)

Overview

Quantity:	1 mg
Target:	PKS11
Protein Characteristics:	AA 1-353
Origin:	Mycobacterium bovis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKS11 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSVIAGVFGA LPPHRYSQSE ITDSFVEFPG LKEHEEII RR LHAAAKVNGR HLVLPLQQYP SLTDFGDANE IFIEKAVDLG VEALLGALDD ANLRPSDIDM IATATVTGVA VPSLDARIAG RLGLRPDVRR MPLFGLGCVA GAAGVARLRD YLRGAPDDVA VLVSVELCSL TYPVKPTVS SLVGTALFGD GAAAVVAVGD RRAEQVRAGG PDILDSRSSL YPDSLHIMGW DVGSHGLRLR LSPDLTNLIE RYLANDVTTF LDAHRLTKDD IGAWVSHPGG PKVIDAVATS LALPPEALEL TWRSLGEIGN LSSASILHIL RDTIEKRPPS GSAGLMLAMG PGFCTELVLL RWR
Specificity:	Mycobacterium bovis
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:	PKS11
Alternative Name:	Alpha-pyrone synthesis polyketide synthase-like Pks11 (pks11) (PKS11 Products)
Background:	Recommended name: Alpha-pyrone synthesis polyketide synthase-like Pks11. EC= 2.3.1.-. Alternative name(s): Alpha-pyrone synthesis polyketide synthase type III Pks11 Chalcone synthase-like protein. Short name= CHS-like
UniProt:	Q7VEU7

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.