Datasheet for ABIN1666195

DINB1 Protein (AA 1-468) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	DINB1
Protein Characteristics:	AA 1-468
Origin:	Mycobacterium tuberculosis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DINB1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MESRWVLHLD MDAFFASVEQ LTRPTLRGRP VLVGGLGGRG VVAGASYEAR AYGARSAMPM HQARRLIGVT AVVLPPRGVV YGIASRRVFD TVRGLVPVVE QLSFDEAFAE PPQLAGAVAE DVETFCERLR RRVRDETGLI ASVGAGSGKQ IAKIASGLAK PDGIRVVRHA EEQALLSGLP VRRLWGIGPV AEEKLHRLGI ETIGQLAALS DAEAANILGA TIGPALHRLA RGIDDRPVVE RAEAKQISAE STFAVDLTTM EQLHEAIDSI AEHAHQRLLR DGRGARTITV KLKKSDMSTL TRSATMPYPT TDAGALFTVA RRLLPDPLQI GPIRLLGVGF SGLSDIRQES LFADSDLTQE TAAAHYVETP GAVVPAAHDA TMWRVGDDVA HPELGHGWVQ GAGHGVVTVR FETRGSGPGS ARTFPVDTGD ISNASPLDSL DWPDYIGQLS VEGSAGASAP TVDDVGDR
Specificity:	Mycobacterium tuberculosis
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.

Product Details

Purity:	> 90 %

Target Details

Target:	DINB1
Alternative Name:	DNA polymerase IV 1 (dinB1) (DINB1 Products)
Background:	Recommended name: DNA polymerase IV 1. Short name= Pol IV 1. EC= 2.7.7.7
UniProt:	P63985

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