Datasheet for ABIN7584132

DMP1 Protein (AA 17-489) (His tag)

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Overview

Quantity:	100 µg
Target:	DMP1
Protein Characteristics:	AA 17-489
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DMP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LPVA RYQNTESESS EERTGNLAQS PPPPMANSDH TDSSESGEEL GSDRSQYRPA GGLSKSAGMD ADKEEDEDDS GDDTFGDEDN GPGPEERQWG GPSRLDSDED SADTTQSSED STSQENSAQD TPSDSKDHHS DEADSRPEAG DSTQDSESEE YRVGGGSEGE SSHGDGSEFD DEGMQSDDPG STRSDRGHTR MSSAGIRSEE SKGDHEPTST QDSDDSQDVE FSSRKSFRRS RVSEEDDRGE LADSNSRETQ SVSTEDFRSK EESRSETQED TAETQSQEDS PEGQDPSSES SEEAGEPSQE SSSESQEGVA SESRGDNPDN TSQTGDQRDS ESSEEDRLNT FSSSESQSTE EQGDSESNES LSLSEESQES AQDEDSSSQE GLQSQSASRE SRSQESQSEQ DSRSEENRDS DSQDSSRSKE ESNSTGSTSS SEEDNHPKNI EADNRKLIVD AYHNKPIGDQ DDNDCQDGY
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.

Product Details

Purity:	> 90 %

Target Details

Target:	DMP1
Abstract:	DMP1 Products
Background:	Recommended name: Dentin matrix acidic phosphoprotein 1. Short name= DMP-1. Short name= Dentin matrix protein 1. Alternative name(s): AG1
UniProt:	P98193
Pathways:	p53 Signaling

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

Handling

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