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Datasheet for ABIN1613969

DMP1 Protein (AA 17-510) (His tag)

Overview

Quantity:	1 mg
Target:	DMP1
Protein Characteristics:	AA 17-510
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DMP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>LPVA RYQNTESKSS EEWKGHLAQT PTPPLESSES SEESKLSSEE QANEDPSDST ESEEVGLDD</p> <p>QQHVHRPAGG LSRRGGSEGD NKDDDEDESG DDTFGDDDG PGPEERRSGG DSRLGSDSDS</p> <p>ADTTRSREDS TPQGDEGARD TTSESRLDLD EDEGNSRPEG GDSTPDSDSE EHWVGGGSEG</p> <p>DSSHGDGSEF DDEGMQSDDP GAYRSEGRNS RISDAGLKST QSKGDDEEQA STQDSHESPA</p> <p>AAYPRRKFFR KSRLPEEDGR GELDDSRITIE VMSDSTENPD SKEAGLGQSR EHSKSESQRQ</p> <p>SEENRSPEDS QDVQDPSSSES SQEVDLPSQE NSSESQEEAL HESRGDNPND ATSHSREHQA</p> <p>DSESEEDVL DKPSDSESTS TEEQADSESH ESLRSSEESP ESTEEQNSSS QEGAQTQSRS</p> <p>QESPSEEDDG SDSQDSSRSK EDSNSTESVS SSEEAAQTKN TEVESRKLTV DAYHNKPIGD</p> <p>QDDNDCQDGY</p>
Specificity:	Bos taurus (Bovine)
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: DMP1

Abstract: [DMP1 Products](#)

Background: Recommended name: Dentin matrix acidic phosphoprotein 1.
Short name= DMP-1.
Short name= Dentin matrix protein 1

UniProt: [Q95120](#)

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 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

Handling

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