Datasheet for ABIN7584165

DSPP Protein (AA 18-687) (His tag)

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Overview

Quantity:	100 µg
Target:	DSPP
Protein Characteristics:	AA 18-687
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DSPP protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	IPV PQLVPLERDI VEKSADVPFL AHPGTAAQNE LHINNATNDD SPKGSELGRQ VHSNGGYERD RNGSESIAVG GKSSPTQPIL ANAQGNSAKE REDVETYGHD GIHAGGENST ANGIRGQVGI AENAEEAKES KVHGQPHQDT KTGLASDTSQ NGDATLVQEN EPQVAGSKNS TNHEVGTHGS GVAAQETTPQ REGEGSENQG AEVTPSIGEG AGLDNTEGSP SGNGIEEDED TGSGDGVGAD AGDGRESHDG TEGHEGQSSG GNNDNRGQGS VSTEDDDSKE QEGSPNGRGG DNTSSSEETG IEEGDGTQTT QDNQNLSPTE GGIISQAEAC PSGQSQNQGL ETEGSSTGNK SSITKESGKL SGSKDSNGHH GMELDKRNSP KQGESDKPQG AAEKSDTHNN MGHSRIGSSS NSDGHDSYDF DDESMQGDDP NSSDESNGSD GSDDANSESA IENGNHGDAS YTSDESSDNG SDSDSHAGED DSSDDTSDTD DSDSNGDDDS ESKDKDESDN SNHDNDSDSE SKSDSSDSDS DSSDSSDSSD SSDSSETSDS SDSSDTSDSS DSSDSSDSSN SSDTSDSSDS SDGDSSDGDS SDSDSSDSDS SNSSDSDSSD SSDSSSSDSS DSDSDSKDST SDSSDDNSKS GNGNSDSDSD SDSDSEGSDS NHSTSDD

Product Details

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.
Purity:	> 90 %

Target Details

Target:	DSPP
Abstract:	DSPP Products
Background:	Recommended name: Dentin sialophosphoprotein Cleaved into the following 2 chains: 1. Dentin phosphoprotein. Alternative name(s): Dentin phosphophoryn. Short name= DPP Dentin sialoprotein. Short name= DSP
UniProt:	Q62598

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

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.