

Datasheet for ABIN7585656

PP5 Protein (AA 2-499) (His tag)



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Overview

Quantity:	100 µg
Target:	PP5 (PPP5C)
Protein Characteristics:	AA 2-499
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PP5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AMAEGERTE CAEPPRDEPP AEGTLKRAEE LKTQANDYFK AKDYENAIKF YSQAIELNPS NAIYYGNRSL AYLRTECYGY ALGDATRAIE LDKKYIKGY RRAASNALG KFRAALRDYE TVVKVKPNDK DAKMKYQECs KIVKQKA FER AIAGDEHRRS VVDSL DIESM TIEDEYSGPK LEDGKVTITF MKDLMQWYKD QKKLHRKCAY QILVQVKEVL CKLSTLVETT LKETEKITVC GDTHGQFYDL LNIFELNGLP SETNPYIFNG DFVDRGSFSV EVILTLFGFK LLYPDHFHLL RGNHETDNMN QIYGFEGEVK AKYTAQMYEL FSEVFEWLPL AQINGKVL I MHGGLFSEDG VTLD DIRKIE RNRQPPDSGP MCDLLWSDPQ PQNGRSVSKR GVSCQFGPDV TKAFLEENQL DYIIRSHEVK AEGYEVAHGG RCVTVFSAPN YCDQMGNKAS YIHLQGS DLR PQFHQFTAVP HPNVKPMAYA NTLLQLGMM
Specificity:	Rattus norvegicus (Rat)
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: PP5 (PPP5C)

Alternative Name: Serine/threonine-protein phosphatase 5 (Ppp5c) ([PPP5C Products](#))

Background: Recommended name: Serine/threonine-protein phosphatase 5.
Short name= PP5.
EC= 3.1.3.16.
Alternative name(s): Protein phosphatase T.
Short name= PPT

UniProt: [P53042](#)

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.