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Datasheet for ABIN1591895  
**PCM1 Protein (AA 1-216) (His tag)**

### Overview

Quantity:	1 mg
Target:	PCM1
Protein Characteristics:	AA 1-216
Origin:	Archaeoglobus fulgidus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCM1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MDFDEKRRIL AERLRDELNL SEKVYNAIKK VPRHLFVPER YRTMAYVDTP LPIGYGQTIS APHMVAIMCE LLDLREGERV LEIGTGCGYH AAVTAEIVGK RGLVVSVERI PELAEIAKRN LSALGYENVV VIVGDGSLGY EPMAPYDKIY VTASAPDIPK PLLEQLKIGG KMVIPIGETT QFLYVVERDN GVRKWSWGAV RFVPLYGKYG FRPLEE
Specificity:	Archaeoglobus fulgidus (strain ATCC 49558 / VC-16 / DSM 4304 / JCM 9628 / NBRC 100126)
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.
Purity:	> 90 %

### Target Details

Target:	PCM1
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## Target Details

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Abstract: [PCM1 Products](#)

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Background: Recommended name: Protein-L-isoaspartate O-methyltransferase 1.  
EC= 2.1.1.77.  
Alternative name(s): L-isoaspartyl protein carboxyl methyltransferase 1 Protein L-isoaspartyl methyltransferase 1 Protein-beta-aspartate methyltransferase 1.  
Short name= PIMT 1

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UniProt: [O30199](#)

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## Application Details

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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 modified 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.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Concentration: 0.2-2 mg/mL

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Buffer: Tris-based buffer, 50 % glycerol

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Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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Storage: -20 °C

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

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