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Datasheet for ABIN1655785  
**EMG1 Protein (AA 1-220) (His tag)**

### Overview

Quantity:	1 mg
Target:	EMG1
Protein Characteristics:	AA 1-220
Origin:	Thermococcus sibiricus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EMG1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MLHLIADSE LELVPKELQN HPSIISHAKR RFKKPEEILL DSTYHHTALK SLKDGERRGR PDIVHLCLIN ALESILNKEG KLRVYVHTRN NEVIYIKPET RLPRNYNRFV GLMESLFKNR VIPKDLALLR IENKTLSEII GDIGPDAVFI MHENGVLMSQ QSFGRKLNEY ISPAVIVGGF PHGDFLSVLE GEKISYKEP LMAWSVVNEV LINYEGSLLW
Specificity:	Thermococcus sibiricus (strain MM 739 / DSM 12597)
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:	EMG1
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## Target Details

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Alternative Name: Ribosomal RNA small subunit methyltransferase Nep1 (nep1) ([EMG1 Products](#))

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Background: Recommended name: Ribosomal RNA small subunit methyltransferase Nep1.  
EC= 2.1.1.-.  
Alternative name(s): 16S rRNA (pseudouridine-N1-)-methyltransferase Nep1

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UniProt: [C6A116](#)

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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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