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Datasheet for ABIN1671730

## Peptidase E Protein (PEPE) (AA 1-229) (His tag)

### Overview

Quantity:	1 mg
Target:	Peptidase E (PEPE)
Protein Characteristics:	AA 1-229
Origin:	Salmonella schwarzengrund
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Peptidase E protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MELLLLSNST LPGKAWLEHA LPLIANQLNG RRSVVFIPFA GVTQTWDEYT DKTAEVLAPL GINVTGIHRV ADPLAAIEKA EIIIVGGGNT FQLLKESRER GLLAPMADRV KRGALYIGWS AGANLACPTI RTTNDMPIVD PNGFDALDLF PLQINPHFTN ALPEGHKGET REQRIRELLV VAPELTVIGL PEGNWIQVSN GQAVLGGPNT TWVFKAGEEA VALEAGHRF
Specificity:	Salmonella schwarzengrund (strain CVM19633)
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:	Peptidase E (PEPE)
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## Target Details

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Abstract: [PEPE Products](#)

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Background: Recommended name: Peptidase E.  
EC= 3.4.13.21.  
Alternative name(s): Alpha-aspartyl dipeptidase Asp-specific dipeptidase Dipeptidase E

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UniProt: [B4TQM9](#)

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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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