

Datasheet for ABIN7583937  
**CPZ Protein (AA 21-652) (His tag)**



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## Overview

Quantity:	100 µg
Target:	CPZ
Protein Characteristics:	AA 21-652
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPZ protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>             AYPSCSPGPD PSGKCQRLAS THSATCVDLH LRTCADAAYN HTSFPTPLEH RSWEAVEASP              EYTLGVLHF LLEGQCNPD LRLGCSVLAP RCQGGHTQRP CRRVCEGLRE ACQPAFDAID              MAWPYFLDCT QYFAPEEEGC YDPLEQLRGE LDVEEALPSG LPPTFIRFAH HSYAQMVRVL              KRTAARCSQV AKTYSIGRSF EGKDLVVEF SSRPGQHELM EPEVKLIGNI HGNEVAGREI              LIYLAQYLCS EYLLGNPRIQ RLLNTTRIHL LPSMNPDGYE VAAAEGAGYN GWTSGRQNAQ              NLDLNRNFPD LTSEYYRLAS TRGVRTDHIP ISQYYWWGKV APETKAIMKW IQTIPFVLSA              SLHGGDLVVS YPFDFSKHPH EEKMFSPDTPD EKMFKLLARA YADVHPMMMD RSENRCGGNF              LKRGSIINGA DWYSFTGGMS DFNLYLHTNCF EITVELGCVK FPPEEALYGL WQHNEKPELLN              FLEMVHRGIK GVVTDKYGKP VKNARILVKG IRHDVTTAPD GDYWRLLPPG SHIVIAQAPG              YSKVMKRVTI PLRMKRAGRV DFILQPLGTG PKNFLPGPSR ALPRSLDPQG APAQLDFEPP              RARRQPASGS KPWWWAYFTS LSPHKPRWLL KY           </p>
Specificity:	Rattus norvegicus (Rat)

## Product Details

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.
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Purity:	> 90 %
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## Target Details

Target:	CPZ
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Abstract:	<a href="#">CPZ Products</a>
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Background:	Recommended name: Carboxypeptidase Z. Short name= CPZ. EC= 3.4.17.-
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UniProt:	<a href="#">O54858</a>
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## 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 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

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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Handling

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