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Datasheet for ABIN1475613
CPZ Protein (AA 21-652) (His tag)

Overview

Quantity:	1 mg
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:	AYPSCSPGPD PSGKCQRLAS THSATCVDLH LRTCADAAYN HTSFPTLEH RSWEAVEASP EYLLGVLHF LLEGQCNPD LLLGCSVLAP RCQGGHTQRP CRRVCEGLRE ACQPAFDAID MAWPYFLDCT QYFAPEEEGC YDPLEQLRGE LDVEEALPSG LPPTFIRFAH HSYAQMVRVL KRTAARCSQV AKTYSIGRSF EGKDLVIEF SSRPGQHELM EPEVKLIGNI HGNEVAGREI LIYLAQYLCS EYLLGNPRIQ RLLNNTTRIH LPSMNPDGYE VAAAEGAGYN GWTSGRQNAQ NLDLNRNFPD LTSEYYRLAS TRGVRTDHIP ISQYYWWGKV APETKAIMKW IQTIPFVLSA SLHGGDLVVS YPFDISKPH EEKMFSPD EKMFKLLARA YADVHPMMMD RSENRCGGNF LKRGSINGA DWYSFTGGMS DFNYLHTNCF EITVELGCVK FPPEEALYGL WQHNEKPLLN FLEMVHRGIK GVWTDKYGKP VKNARILVKG IRHDVTTAPD GDYWRLLPPG SHIVIAQAPG YSKVMKRVTI PLRMKRAGR VDFILQPLGTG PKNFLPGPSR ALPRSLDPQG APAQLDFEPP RARRQPASGS KPWWWAYFTS LSPHKPRWLL KY
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.

Purity: > 90 %

Target Details

Target: CPZ

Abstract: [CPZ Products](#)

Background: Recommended name: Carboxypeptidase Z.
Short name= CPZ.
EC= 3.4.17.-

UniProt: [O54858](#)

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.

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

Handling

Storage: -20 °C

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