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Datasheet for ABIN1665316
PRC1 Protein (AA 108-523) (His tag)

Overview

Quantity:	1 mg
Target:	PRC1
Protein Characteristics:	AA 108-523
Origin:	Pichia pastoris
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	KRN NPEVLKVDFT KQYSGYLDVE ADDKHFFYWF FESRNDPQND PIILWLNNGP GCSSLTGLFF ELGSSRINEN LKPIFNPYSW NGNASIIYLD QPVNVGFSYS SSSVSNTVVA GEDVYAFLQL FFQHFPYQT NDFHIAGESY AGHYIPVFAD EILSQKNRNF NLTSVLIGNG LTDPLTQYRY YEPMACGEGG APSVLPADDEC ENMLVTQDKC LSLIQACYDS QSAFTCAPAA IYCNNAQMGP YQRTGKNVYD IRKECDGGSL CYKDLEFIDT YLNQKFVQDA LGAEVDTYES CNFEINRNFL FAGDWMKPYH EHVSSLLNKG LPVLIYAGDK DFICNWLGNR AWTDVLPWVD ADGFEKAEVQ DWLVNGRKAG EFKNYSNFTY LRVYDAGHMA PYDQPENSHE MVNRWISGDF SFH
Specificity:	Pichia pastoris (strain GS115 / ATCC 20864) (Yeast)
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:	PRC1
Alternative Name:	Carboxypeptidase Y (PRC1) (PRC1 Products)
Background:	Recommended name: Carboxypeptidase Y. EC= 3.4.16.5. Alternative name(s): Carboxypeptidase YSCY
UniProt:	P52710

Application Details

Comment:	<p>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 modiflicated 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.</p>
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
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.