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Datasheet for ABIN1643005

**PCDH21 Protein (AA 22-701) (His tag)**

## Overview

Quantity:	1 mg
Target:	PCDH21 (PCDH24)
Protein Characteristics:	AA 22-701
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCDH21 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence: NFAPHFFDN GVGSTNGNMA LFSLPEDTPV GSHVYTLNGT DPEGDPISYH ISFDPSTRSV  
FSVDPNFGNI TLVEELDRER EDEIEAISI SDGLNLVAEK VVIVVTDAND EAPRFLQEPY  
NILVPENTPA GSSIFKVQAE DKDTGSGGSV TYFLQSLHSS KFTVDRHSGV LRLQAGATLD  
YEKSTRAHFIT VVAKDGGGRL RGADVWFSAT TTVTINVEDV QDTAPIFVGT PYYGYVYEDT  
LPGSEVLTVV AIDGDRGKPN HILYRLLNES DGLFEINETS GAISVLQSPA QLRREVVYELH  
VQVTEVNSSG SPAAQSTVPV IIRIVDLNNH PPTFYGESGP QNKFELSMFE HPPQGEILRG  
LKITVNDSDQ GANAKFNLRL VGPGGIFRVV PQTVLNEAQV TIIVENSAAI DFEKSKSLTF  
KLLAIEVNTP EKFSSTADIV IQLLDTNDNV PKFTSHYYIA RIPENVPGGS NVVAVTAVDP  
DTGPWGKVQY SIYGTGSDLF LIHPSTGLIY TQPWASLDAE GTSRYNFYVK AEDMDGRYSL  
AEVFVTLTLDV NDHYPQFVQS VQEKTMVLGT PLKIEATDQD AEEPNNLVDY SITRAEPVNV  
FDIDAHTGEI RLKNSIRSLE ALHNITPSGE YSWSLQVQAK DRGSPSFSTT ALLKIDITDT  
ERLSRSSMAA FLIQTNDNPM K

## Product Details

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Specificity:	Rattus norvegicus (Rat)
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

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Target:	PCDH21 (PCDH24)
Alternative Name:	Cadherin-related family member 1 (Cdhr1) ( <a href="#">PCDH24 Products</a> )
Background:	Recommended name: Cadherin-related family member 1. Alternative name(s): MT-protocadherin Photoreceptor cadherin. Short name= prCAD Protocadherin-21
UniProt:	<a href="#">Q91XU7</a>

## 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.
Restrictions:	For Research Use only

## Handling

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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

## Handling

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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.