

Datasheet for ABIN1608771
CPD Protein (AA 1-380) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CPD
Protein Characteristics:	AA 1-380
Origin:	Crested duck (<i>Lophonetta specularioides</i>)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPD protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QAVQPVDFRH HHFSDMEIFL RRYANEYPSI TRLYSVGKSV ELRELYVMEI SDNPGIHEAG EPEFKYIGNM HGNEVVGREL LLNLIEYLCK NFGTDPEVTD LVQSTRIHIM PSMNPDGYEK SQEGDRGGTV GRNNSNNYDL NRNFPDQFFQ VTDPPQPETL AVMSWLKTYP FVLSANLHGG SLVVNYPFDD DEQGIAIYSK SPDDAVFQQL ALSYSKENKK MYQGSPCKDL YPTEYFPHGI TNGAQWYNVP GGMQDWNYLN TNCFEVTIEL GCVKYPKAAE LPKYWEQNRR SLLQFIKQVH RGIWGFVLDA TDGRGILNAT ISVADINHPV TTYKGDGYWR LLVQGTYKVT ASARGYDPVT KTVEVDSKGG VQVNFTLSRT
Specificity:	<i>Lophonetta specularioides</i> (Crested duck) (<i>Anas specularioides</i>)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in <i>E. coli</i> , mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	CPD
Abstract:	CPD Products
Background:	Recommended name: Carboxypeptidase D. EC= 3.4.17.22. Alternative name(s): CPD-2 Metallo-carboxypeptidase D
UniProt:	P83852
Pathways:	Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling

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