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Datasheet for ABIN1620945 CCZ1 Protein (AA 1-471) (His tag)

Overview

Quantity:	1 mg
Target:	CCZ1
Protein Characteristics:	AA 1-471
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCZ1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAYAVQDKRF APSLLSFFIY NPKFGPREGE EEKKILFYHP NEVEKNEKIR NVGLCEAIVQ</p> <p>FTRTFNPTKP AKSLHTQKNR QFFHEPEEGF WMVMVVKNPL AEKQKEGKTV LEYQEDELDD</p> <p>KVYSSVLQQC YRMYKLFNGT FSRAMEVGQV ELLKDRLEKF FHRYLQTLHL HSCDLLDVFG</p> <p>GISFFPLDKM TYLKIQSFIN RIEESLNIVK YTVFLYNDQL IWSGLEQEDM RILYKYLTIT</p> <p>LFPRYTEPEL AGRDSPIRPE MPGNLQHYGR FLTGPLNLSD PEVKFRFPKI FVNTEDSYEE</p> <p>LYLIVYKAMS ASVCFMIDAS VQLTVDFCRK LDSLVGPQLT VLASDICEQF NINRRISGSE</p> <p>KEPQFKFIYF NHMNLAEKST IHLRKTPSMS LTSVQPELMK ILGDINGDFT RVDEDEEIIIV</p> <p>KAMSDYWVVG KKSDQRELYV ILNQKNSNLI EVNEEIKKLC ATQFSNIFFL D</p>
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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.

Product Details

Purity: > 90 %

Target Details

Target: CCZ1

Alternative Name: Vacuolar fusion protein CCZ1 homolog (ccz1) ([CCZ1 Products](#))

Background: Recommended name: Vacuolar fusion protein CCZ1 homolog

UniProt: [Q28HU2](#)

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.