Datasheet for ABIN1615411

Cholecystokinin Protein (CCK) (AA 21-130) (His tag)

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Overview

Quantity:	1 mg
Target:	Cholecystokinin (CCK)
Protein Characteristics:	AA 21-130
Origin:	Ostrich
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cholecystokinin protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QQTAGSHNGN PLAAELEQSL TEHHRHVRAP SSAGPLKPVP RLDGSIDQRA NIGALLAKYL QQARKGPTGR ISVMGNRVQS IDPTHRINDR DYMGWMDFGR RSAEEYEYSS
Specificity:	Struthio camelus (Ostrich)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Cholecystokinin (CCK)
Abstract:	CCK Products

Target Details

Background:	Recommended name: Cholecystokinin. Short name= CCK Cleaved into the following 3 chains: 1. Cholecystokinin-70. Short name= 2. CCK70 3. Cholecystokinin-8. Short name= 4. CCK8 5. Cholecystokinin-7. Short name= 6. CCK7
UniProt:	Q9PU29
Pathways:	TCR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, Positive Regulation of Endopeptidase Activity, Toll-Like Receptors Cascades, Feeding Behaviour

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 modificated 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

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.