Datasheet for ABIN1608895

Cholecystokinin Protein (CCK) (AA 21-115) (His tag)

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Overview

Quantity:	1 mg
Target:	Cholecystokinin (CCK)
Protein Characteristics:	AA 21-115
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cholecystokinin protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QPVPPAEPAG SGLQRAEEAP RRQLRAVQRT DGESRAHLGA LLARYIQQAR KAPSGRMSII KNLQNLDPSH RISDRDYMGW MDFGRRSAEE YEYPS
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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 10 chains: 1. Cholecystokinin-58. Short name= 2. CCK58 3. Cholecystokinin-58 desnonopeptide. Alternative name(s): (1-49)-CCK58 Cholecystokinin-39. Short name= CCK39 Cholecystokinin-33. Short name= CCK33 Cholecystokinin-25. Short name= CCK25 Cholecystokinin-18. Short name= CCK18 Cholecystokinin-12. Short name= CCK12 Cholecystokinin-8. Short name= CCK8 Cholecystokinin-7. Short name= CCK7 Cholecystokinin-5. Short name= CCK5
UniProt:	P23362
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 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.