

Datasheet for ABIN1648507  
**IQCG Protein (AA 1-443) (His tag)**



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## Overview

Quantity:	1 mg
Target:	IQCG
Protein Characteristics:	AA 1-443
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IQCG protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>MEEDSQEDSN LPPKVWHSEM TVSVTGKPPS TVEEDGLPKE TDVETIPEIL ETREPLSLPD</p> <p>VLRISAVLED TTDQLSILNY IMPIQYEGRQ SVCVKSREM NLEGK NLDKLP VASTVTKTPS</p> <p>PLITKERPSL PEIRQGGQFA VEFCKTQDLL FKKPARQTIM TTETLKKIQI DRQFFSDVIA</p> <p>DTIEELQDSG TYNSLLQALS KERENKMHFY DVIAREEKGR KQIISLQKQL INVKKEWQFE</p> <p>VQSQNEYIAN LKDQLQEMKA KSNLENRYMK TNTELQIAQT QRKCNRT EEV LLEEIEKL RM</p> <p>KTEEEARIHM DIEMFLRKQQ QKLEERLEFW MEKYDKDTEM KQNELNALKA TKASDLAHLQ</p> <p>DLAKTIRECE QVIIEDRIEK EKSKNKIEQD LLELKSVIKL QAWWRGT MIR REIGGFKMPK</p> <p>DKVDSKDSKG KGKGKDKRRG KKK</p>
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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

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Purity: > 90 %

## Target Details

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Target: IQCG

Alternative Name: IQ domain-containing protein G (IQCG) ([IQCG Products](#))

Background: Recommended name: IQ domain-containing protein G

UniProt: [Q9GKR7](#)

## 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 one week

Storage: -20 °C

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