Datasheet for ABIN7583851

Complement Factor I Protein (CFI) (AA 19-604) (His tag)

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Overview

Quantity:	100 µg
Target:	Complement Factor I (CFI)
Protein Characteristics:	AA 19-604
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Complement Factor I protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	KN TPASGQPQED LVEQKCLLKN YTHHSCDKVF CQPWQKCIEG TCACKLPYQC PKAGTPVCAT NGRGYPTYCH LKSFECLHPE IKFSNNGTCT AEEKFNVSLI YGSTDTEGIV QVKLVDQDEK MFICKNSWST VEANVACFDL GFPLGVRDIQ GRFNIPVNHK INSTECLHVR CQGVETSLAE CTFTKKSSKA PHGLAGVVCY TQDADFPTSQ SFQCVNGKRI PQEKACDGVN DCGDQSDELC CKGCRGQAFL CKSGVCIPNQ RKCNGEVDCI TGEDESGCEE DKKNKIHKGL ARSDQGGETE IETEETEMLT PDMDTERKRI KSLLPKLSCG VKRNTHIRRK RVVGGKPAEM GDYPWQVAIK DGDRITCGGI YIGGCWILTA AHCVRPSRYR NYQVWTSLLD WLKPNSQLAV QGVSRVVVHE KYNGATYQND IALVEMKKHP GKKECELINS VPACVPWSPY LFQPNDRCII SGWGREKDNQ KVYSLRWGEV DLIGNCSRFY PGRYYEKEMQ CAGTSDGSID ACKGDSGGPL VCKDVNNVTY VWGIVSWGEN CGKPEFPGVY TRVASYFDWI SYYVGRPLVS QYNV
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Complement Factor I (CFI)
Abstract:	CFI Products
Background:	Recommended name: Complement factor I. EC= 3.4.21.45. Alternative name(s): C3B/C4B inactivator Cleaved into the following 2 chains: 1. Complement factor I heavy chain 2. Complement factor I light chain
UniProt:	Q9WUW3
Pathways:	Complement System

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.