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Datasheet for ABIN1666700

Complement C4 Protein (AA 20-673) (His tag)

Overview

Quantity:	1 mg
Target:	Complement C4 (C4)
Protein Characteristics:	AA 20-673
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Complement C4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	K PRLLLFSPSV VNLGTPLSVG VQLLDAPAGQ EVKGSVYLRN PTSGPCSPKK DFKLSSGNDF VLLRLEVPLK DVRSCGLFGL RRAPHIQLVA HSPWLKNTAS KATETQGVNL LFSSRRGHIF VQTDQPIYNP GQVRVRYRFA LDQKMRPSTD TLTVTVENSH GLRVRKKEVF APTSIFQDDF IIPDISEPGT WKISARFSDG LESNRSTHFE VKKYVLPNFE VKLTPWKPYI LTVPSYREEI QLDVQARYVY GKPVQGVAYT RFALMDEQ GK KSFLRGLETQ TKLVEGQTHI SISRDQFQAA LGKVNTEIGD LEGRLRYAAV AVIESPGGEM EEAELTSWPF VSSAFSLDLS HTKQHLVPGA PFLQLALVRE MSGSEASDVP VKVSATLLSG SDSKVLDFQQ NTNGIGQVSF SIHVPPTITE LRLLSVAGSL YPAVAKLTVQ APPSRGPGFL SIEPLDLRSP RVGDTFVLSL RTVGIPMPPTF SHYYMIISR GQIMAMSREP RRALTSISVL VDHHLAPSFY FVAYFYHQGL PVANSLLINV QPGDCEGKLE LKVDGAKEYR NGDSMKLQLQ TDSEALVALG AVDTALYAVG GRSHKPLDMS KVFEVMNSYN LGCGPGGGDD ALQVFQTAGL AFSDGDRLTQ TKENLSCPKE KKS
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	Complement C4 (C4)
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Alternative Name:	Complement C4 (C4) (C4 Products)
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Background:	Recommended name: Complement C4 Cleaved into the following 4 chains: 1. Complement C4 beta chain 2. Complement C4 alpha chain 3. C4a anaphylatoxin 4. Complement C4 gamma chain
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UniProt:	P08649
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Pathways:	Complement System
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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.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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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.