Datasheet for ABIN7590543

C1S Protein (AA 16-688) (His tag)

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Overview

Quantity:	100 µg
Target:	C1S
Protein Characteristics:	AA 16-688
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This C1S protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EPTMY GEILSPNYPQ AYPNEVVKTW DIEVPEGFGI HLYFTHLDME LSENCAYDSV QIISGGIEEE RLCGQRTSKS PNSPTVEEFQ FPYNRLQVVF TSDFSNEERF TGFAAYYSAV DVNECTDFTD VPCSHFCNNF IGGYFCSCPP EYFLHDDMRT CGVNCSGDVF TALIGEIASP NYPNPYPENS RCEYQIRLQE GFRLVLTIRR EDFDVEPADS EGNCHDSLTF AAKNQQFGPY CGNGFPGPLT IKTQSNTLDI VFQTDLTGQN KGWKLRYHGD PIPCPKEISA NSIWEPEKAK YVFKDVVKIT CVDGFEVVEG NVGSTSFYST CQSNGQWSNS RLECQPVDCG VPEPIENGKV EDPEDTVFGS VIHYTCEEPY YYMEQEEGGE YHCAANGSWV NDQLGVELPK CIPVCGVPTE PFKVQQRIFG GYSTKIQSFP WQVYFESPRG GGALIDEYWV LTAAHVVEGN SDPVMYVGST LLKIERLRNA QRLITERVII HPSWKQEDDL NTRTNFDNDI ALVQLKDPVK MGPTVAPICL PETSSDYNPS EGDLGLISGW GRTENRTNVI QLRGAKLPIT SLEKCQQVKV ENPKARSNDY VFTDNMICAG EKGVDSCEGD SGGAFALPVP NVKDPKFYVA GLVSWGKKCG TYGIYTKVKN YVDWILKTMQ ENSGPKKD

Product Details

Specificity:	Rattus norvegicus (Rat)
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:	C1S
Alternative Name:	Complement C1s subcomponent (C1s) (C1S Products)
Background:	Recommended name: Complement C1s subcomponent. EC= 3.4.21.42. Alternative name(s): C1 esterase Complement component 1 subcomponent s Cleaved into the following 2 chains: 1. Complement C1s subcomponent heavy chain 2. Complement C1s subcomponent light chain
UniProt:	Q6P6T1
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

Handling

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.