Datasheet for ABIN7583703

C8B Protein (AA 54-589) (His tag)

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Overview

Quantity:	100 µg
Target:	C8B
Protein Characteristics:	AA 54-589
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This C8B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SVDVTPA PTDCQLSTWS SWTACDPCQK KRYRHTYLLR PSQFYGELCD FSDKEVEDCV TNRACRSQVR CEGFVCAQTG RCVNRRLLCN GDNDCGDQSD EANCRRIYKK CSQDMEQYWA IGNLASGINL FTNTFEGPVL DHRYYAGACS PHYILNTNFR KPYNVESYTP QTQGKYEFAL TEYESYFDFE HNVTEKATSK SSFKFGFKLD GLVEFGVRKE SNEGRHYISR TKRFSHTKSK FLHARSVLEV AHYKLKSRQL MLHYEFLQRV KSLPLEYSYG EYRDLLRDFG THFITEAVLG GIYEYTLIMN KDAMERGDYT LDHVSACAGG GFQIGGNVYK VYLKLGVSEK KCSDILNEIK DRNKRRTMVE DLVVLVRGGT SEYITSLAYK DLPTAELMKE WGDAVQYNPA IIKLKAEPLY ELVTATDFAY SSTVKQNMKK ALEEFQMEVS SCRCAPCRNN GVPILKESRC ECICPAGFQG VACEVTNRKD IPIDGKWSCW SDWSPCSGGR KTRQRQCNNP APQRGGSPCS GPASETLDC
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.

Product Details

Purity:	> 90 %

Target Details

Target:	C8B
Alternative Name:	Complement component C8 beta chain (C8b) (C8B Products)
Background:	Recommended name: Complement component C8 beta chain. Alternative name(s): Complement component 8 subunit beta
UniProt:	P55314
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 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.