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# **CD16 Protein (CD16) (AA 17-208) (His tag)**



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Overview	
Quantity:	1 mg
Target:	CD16
Protein Characteristics:	AA 17-208
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD16 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	GMRA EDLPKAVVFL EPQWYRVLEK DRVTLKCQGA YSPEDNSTRW FHNESLISSQ TSSYFIAAAR
	VNNSGEYRCQ TSLSTLSDPV QLEVHIGWLL LQAPRWVFKE EESIHLRCHS WKNTLLHKVT
	YLQNGKGRKY FHQNSDFYIP KATLKDSGSY FCRGLIGSKN VSSETVNITI TQDLAVSSIS
	SFFPPGYQ
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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:	CD16

#### **Target Details**

Alternative Name:	Low affinity immunoglobulin gamma Fc region receptor III (FCGR3) (CD16 Products)	
Background:	Recommended name: Low affinity immunoglobulin gamma Fc region receptor III.  Short name= IgG Fc receptor III.  Alternative name(s): Fc-gamma RIII.  Short name= FcRIII CD_antigen= CD16	
UniProt:	Q8SPW2	
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process	

## **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.