

Datasheet for ABIN6388179 CD52 Protein (CD52) (AA 21-248) (hlgG-His-tag)



Overview

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Image

Overview	
Quantity:	100 µg
Target:	CD52
Protein Characteristics:	AA 21-248
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD52 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)
Product Details	
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)
Target Details	
Target:	CD52
Alternative Name:	CD52 (CD52 Products)
Background:	MBL2, also known as mannose-binding protein C, belongs to the class of collectins in the C-
	type lectin superfamily. It is a lectin that is instrumental in innate immunity via the lectin
	pathway. It recognizes carbohydrate patterns, found on the surface of a large number of
	pathogenic micro-organisms, including bacteria, viruses, protozoa and fungi. It It binds
	senescent and apoptotic cells and enhances engulfment of whole, intact apoptotic cells, as well

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	as cell debris by phagocytes. This protein has recently been found to play a role in development
	of type 1 diabetes and gestational diabetes mellitus. Also, mutant MBL2 haplotypes have been
	linked to disease progression and response to therapy in HCV infection. Recombinant human
	MBL2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using
	conventional chromatography techniques.
Molecular Weight:	25.1kDa (237aa) 28-40kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_000233
UniProt:	P11226
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Images

(kDa) 70 57	SDS-PAGE	
	Image 1.	
40		
28		
18		
18 13.5		

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