Datasheet for ABIN6388179

CD52 Protein (CD52) (AA 21-248) (hIgG-His-tag)

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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

Target Details

	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

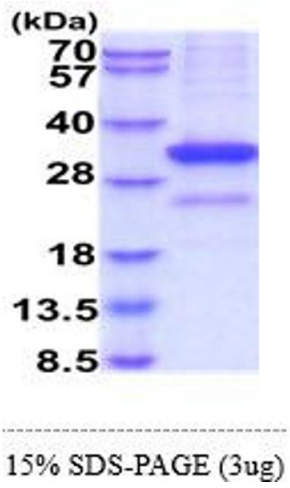
Application Details

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



SDS-PAGE

Image 1.