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Datasheet for ABIN7013011 MARCO Protein (AA 79-520) (His tag)



Overview

Quantity:	100 µg
Target:	MARCO
Protein Characteristics:	AA 79-520
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MARCO protein is labelled with His tag.

Product Details

Purpose:	Human MARCO Protein, His Tag
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	MARCO
Alternative Name:	MARCO (MARCO Products)
Background:	MARCO is also known as Scavenger receptor class A member 2 and SCARA2. Pattern
	recognition receptor (PRR) which binds Gram-positive and Gram-negative bacteria. Also plays a
	role in binding of unopsonized particles by alveolar macrophages. Binds to the secretoglobin
	SCGB3A2. MARCO ligation promotes the production of inflammatory mediators by
	macrophages. MARCO mediated internalization of some ligands prevents their activation of cell

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Target Details	
	surface TLR4 but enables their activation of intracellular TLR3. MARCO contributes to the clearance of apoptotic cells and inhaled bacteria, mast cell mediated silicosis, and the amelioration of allergen or ozone induced lung inflammation. It is required for the organization of the splenic marginal zone and the interaction of splenic macrophages and B cells.
Molecular Weight:	45.9 kDa
Pathways:	Activation of Innate immune Response
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C