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Datasheet for ABIN7482347

**Macrophage Mannose Receptor 1 Protein (Biotin,His tag)**

## Overview

Quantity:	200 µg
Target:	Macrophage Mannose Receptor 1 (MRC1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Macrophage Mannose Receptor 1 protein is labelled with Biotin,His tag.

## Product Details

Purpose:	Biotinylated Human CD206 / MMR Protein, His Tag, ultra sensitivity (primary amine labeling) (MALS verified)
Sequence:	Leu 19 - Ala 1389
Characteristics:	Biotinylated Human CD206 Protein, His Tag, primary amine labeling is expressed from human 293 cells (HEK293). It contains AA Leu 19 - Ala 1389 (Accession # P22897-1).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

## Target Details

Target:	Macrophage Mannose Receptor 1 (MRC1)
Alternative Name:	CD206 ( <a href="#">MRC1 Products</a> )

## Target Details

Background:	Mrc1 is a conserved checkpoint mediator protein that transduces the replication stress signal to the downstream effector kinase. Mrc1 and its vertebrate homologue Claspin serve as a mediator for replication stress checkpoint signaling, receiving the signal from Mec1/Rad3/ATR sensor kinase and transmitting it to the effector Rad53/Cds1/Chk1 kinase. The loss of mrc1 checkpoint activity results in the aberrant activation of late/dormant origins in the presence of hydroxyurea. Tumor-associated macrophages (TAMs) expressing the multi-ligand endocytic receptor mannose receptor (CD206/MRC1) contribute to tumor immunosuppression, angiogenesis, metastasis, and relapse.
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Molecular Weight:	158.6 kDa
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## Application Details

Comment:	This protein carries a polyhistidine tag at the C-terminus. (Biotin,10xHis) The protein has a calculated MW of 158.6 kDa. The protein migrates as 170-210 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	-20°C