

Datasheet for ABIN7482388

CD47 Protein (CD47) (Biotin,Fc-Avi Tag)[Go to Product page](#)

Overview

Quantity:	200 µg
Target:	CD47
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD47 protein is labelled with Biotin,Fc-Avi Tag.

Product Details

Purpose:	Biotinylated Mouse CD47 Protein, Fc,Avitag™ (MALS verified)
Sequence:	Gln 19 - Lys 140
Characteristics:	Biotinylated Mouse CD47 Protein, Fc,Avitag is expressed from human 293 cells (HEK293). It contains AA Gln 19 - Lys 140 (Accession # Q61735-1).
Purity:	95 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	CD47
Alternative Name:	CD47 (CD47 Products)
Background:	Leukocyte surface antigen CD47 is also known as Antigenic surface determinant protein OA3,

Target Details

Integrin-associated protein (IAP) and Protein MER6. CD47 contains 1 Ig-like V-type (immunoglobulin-like) domain. CD47 is very broadly distributed on normal adult tissues. CD47 has a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins and plays an important role in memory formation and synaptic plasticity in the hippocampus by similarity. CD47 is the receptor for SIRPA, binding to which prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. CD47 Interaction with SIRPG mediates cell-cell adhesion, enhances superantigen-dependent T-cell-mediated proliferation and costimulates T-cell activation.

Molecular Weight: 42.0 kDa

Application Details

Comment: This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag™). (Biotin,Fc , Avi) The protein has a calculated MW of 42.0 kDa. The protein migrates as 60-75 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH 7.5

Storage: -20 °C

Storage Comment: -20°C