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CD48 Protein (CD48) (AA 27-220) (Fc Tag)

Images



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Overview

Quantity:	100 μg
Target:	CD48
Protein Characteristics:	AA 27-220
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD48 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 27-220	
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 49.0 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.	
Purity:	>95 % as determined by reduced SDS-PAGE.	
Endotoxin Level:	Less than 1.0 EU per μg by the LAL method.	
Tanat Dataila		

Target Details

Target:	CD48
Alternative Name:	CD48 (CD48 Products)

Target Details

Background:

CD48 antigen is also known as Signaling lymphocytic activation molecule 2, SLAM family member 2 (SLAMF2), Leukocyte antigen MEM-102, BCM1 surface antigen, B-lymphocyte activation marker BLAST-1. CD48 is a 65 kDa GPI-linked protein which belongs to the CD2 subfamily of immunoglobulin superfamily molecules. CD48 antigen contains two Ig-like C2-type (immunoglobulin-like) domains and two Ig-like V-type (immunoglobulin-like) domain. CD48 interacts with CD244 in an heterophilic manner. CD48 is ligand for CD2. CD48 might facilitate interaction between activated lymphocytes. CD48 is probably involved in regulating T-cell activation.

Molecular Weight:

49.0 kDa

NCBI Accession:

NP 001769

Application Details

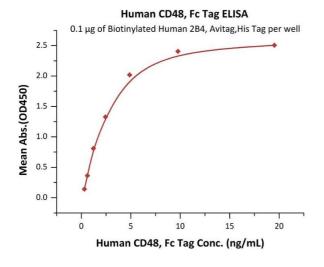
Restrictions:

For Research Use only

Handling

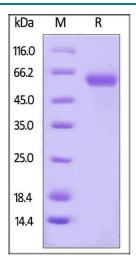
Format:	Lyophilized	
Buffer:	Tris with Glycine, Arginine and NaCl, pH 7.5	
Handling Advice:	Please avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	

Images



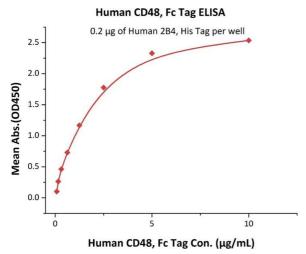
ELISA

Image 1. Immobilized Biotinylated Human 2B4, Avitag,His Tag (recommended for biopanning) (ABIN5674581,ABIN6253686) at 1 μ g/mL (100 μ L/well) on streptavidin precoated (0.2 μ g/well) plate, can bind Human CD48, Fc Tag (ABIN5674623,ABIN6253683) with a linear range of 0.3-5 ng/mL (Routinely tested).



SDS-PAGE

Image 2. Human CD48, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.



ELISA

Image 3. Immobilized Human 2B4, His Tag (ABIN2180730,ABIN2180731) at 2 μ g/mL (100 μ L/well) can bind Human CD48, Fc Tag (ABIN5674623,ABIN6253683) with a linear range of 0.078-2.5 μ g/mL (QC tested).