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Datasheet for ABIN7482350

## CD81 Protein (CD81) (Biotin,His-Avi Tag,DYKDDDDK Tag)

### Overview

Quantity:	100 µg
Target:	CD81
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD81 protein is labelled with Biotin,His-Avi Tag,DYKDDDDK Tag.

### Product Details

Purpose:	Biotinylated Human CD81 Protein, His,Avitag™&Flag Tag (Detergent)
Sequence:	Gly 2 - Tyr 236
Characteristics:	Biotinylated Human CD81 Protein, His,Avitag&Flag Tag is expressed from Baculovirus-Insect cells. It contains AA Gly 2 - Tyr 236 (Accession # P60033).
Purity:	60 %
Endotoxin Level:	1.0 EU per µg

### Target Details

Target:	CD81
Alternative Name:	CD81 ( <a href="#">CD81 Products</a> )
Background:	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal

## Target Details

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transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This protein appears to promote muscle cell fusion and support myotube maintenance. Also it may be involved in signal transduction. This gene is localized in the tumor-suppressor gene region and thus it is a candidate gene for malignancies. Two transcript variants encoding different isoforms have been found for this gene.

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Molecular Weight: 31.4 kDa

Pathways: [Inositol Metabolic Process](#), [Hepatitis C](#)

## Application Details

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Comment: This protein carries a Flag tag at the N-terminus and a polyhistidine tag at the C-terminus followed by an Avi tag (Avitag™). (Biotin,Flag , 10xHis , Avi) The protein has a calculated MW of 31.4 kDa. The protein migrates as 27-29 kDa under reducing (R) condition (SDS-PAGE).

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH 7.5

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Storage: -80 °C

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Storage Comment: -70°C