antibodies

Datasheet for ABIN6938938 PVRL4 Protein (AA 32-349) (His tag,AVI tag,Biotin)



Images



3

Quantity:	200 µg
Target:	PVRL4
Protein Characteristics:	AA 32-349
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PVRL4 protein is labelled with His tag,AVI tag,Biotin.

Product Details

Sequence:	AA 32-349
Specificity:	Biotinylation of this product is performed using Avitag™ technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per μg by the LAL method.

Target Details

Target:	PVRL4
Alternative Name:	Nectin-4 (PVRL4 Products)
Background:	Nectin-4 (gene name PVRL4, poliovirus receptor-like 4) is a 66 kDa type I transmembrane

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6938938 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

Target Details

	glycoprotein belonging to the Nectin family of Ig superfamily proteins. Nectins are cell adhesion
	molecules that play a key role in various biological processes such as polarity, proliferation,
	differentiation and migration, for epithelial, endothelial, immune and neuronal cells, during
	development and adult life. Nectin-4 is a tumor-associated antigen in 50 % , 49 % and 86 %o of
	breast, ovarian and lung carcinomas, respectively, mostly on tumors of bad prognosis. Its
	expression is not detected in the corresponding normal tissues.
Molecular Weight:	37.8 kDa
NCBI Accession:	NP_112178
Pathways:	Cell-Cell Junction Organization

Application Details

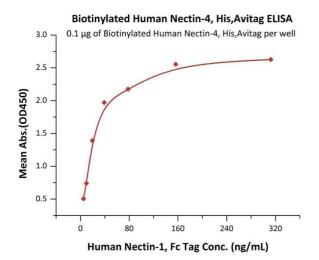
Comment:	Ready-to-use AvitagTM biotinylated protein:
comment.	
	The product is exclusively produced using the AvitagTM technology. Briefly, a unique 15 amino
	acid peptide, the Avi tag, is introduced into the recombinant protein during expression vector
	construction. The single lysine residue in the Avi tag is enzymatically biotinylated by the E. Coli
	biotin ligase BirA.
	This single-point enzymatic labeling technique brings many advantages for commonly used
	binding assays. The biotinylation happens on the lysine residue of Avi tag, and therefore does
	NOT interfere with the target protein's natural binding activities. In addition, when immobilized
	on an avidin-coated surface, the protein orientation is uniform because the position of the Avi
	tag in the protein is precisely controlled.
Restrictions:	For Research Use only
Handling	
	Lyophilized
Format:	Lyophilized
Buffer:	PBS, pH 7.4

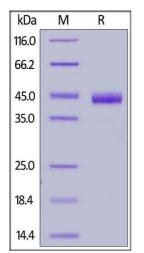
Handling Advice: Please avoid repeated freeze-thaw cycles.

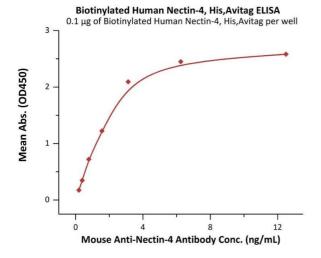
Storage:

-20 °C

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6938938 | 09/10/2023 | Copyright antibodies-online. All rights reserved.







ELISA

Image 1. Immobilized Biotinylated Human Nectin-4, His,Avitag (ABIN6938938,ABIN6950980) at 1 μ g/mL (100 μ L/well) on Streptavidin precoated (0.5 μ g/well) plate, can bind Human Nectin-1, Fc Tag (ABIN6951010,ABIN6952290) with a linear range of 2-40 ng/mL (QC tested).

SDS-PAGE

Image 2. Biotinylated Human Nectin-4, His,Avitag 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 Biotinylated Human Nectin-4, His,Avitag (ABIN6938938,ABIN6950980) at 1 μ g/mL (100 μ L/well) on streptavidin precoated (0.5 μ g/well) plate can bind Mouse An-4 Antibody with a linear range of 0.2-3 ng/mL (QC tested).

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN6938938 | 09/10/2023 | Copyright antibodies-online. All rights reserved.