

Datasheet for ABIN6950992

CD7 Protein (CD7) (AA 26-180) (Fc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	CD7
Protein Characteristics:	AA 26-180
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD7 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 26-180
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 0.01 EU per µg by the LAL method.

Target Details

Target:	CD7
Alternative Name:	CD7 (CD7 Products)
Background:	T-cell antigen CD7 (CD7) is also known as GP40, LEU-9, TP41 and Tp40. CD7 is a protein that in humans is encoded by the CD7 gene, this gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. CD7 has been shown to interact with PIK3R1. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell

Target Details

interactions and also in T-cell/B-cell interaction during early lymphoid development.

Molecular Weight: 44.3 kDa

NCBI Accession: [NP_006128](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Restrictions: For Research Use only

Handling

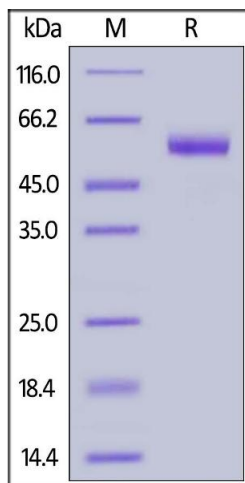
Format: Lyophilized

Buffer: Tris with Glycine, Arginine and NaCl, pH 7.5

Handling Advice: Please avoid repeated freeze-thaw cycles.

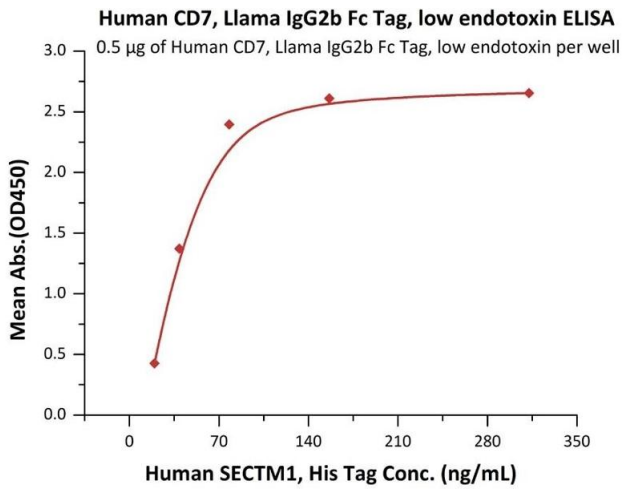
Storage: -20 °C

Validation report #104441 for Multiplex Immunohistochemistry (mIHC)



SDS-PAGE

Image 1. Human CD7, Llama IgG2b Fc Tag, low endotoxin on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .



ELISA

Image 2. Immobilized Human CD7, Llama IgG2b Fc Tag, low endotoxin (ABIN6938916,ABIN6950992) at 5 µg/mL (100 µL/well) can bind Human SECTM1, His Tag (ABIN2181734,ABIN2181733) with a linear range of 10-39 ng/mL (QC tested).