

Datasheet for ABIN7321150
CD7 Protein (CD7) (Fc Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CD7
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD7 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Rat CD7 Protein (Fc Tag)
Sequence:	Met1-Pro149
Characteristics:	A DNA sequence encoding the rat CD7 (B2RZ54) (Met1-Pro149) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 85 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method

Target Details

Target:	CD7
Alternative Name:	CD7 (CD7 Products)
Background:	Background: The cluster of differentiation (CD) system is commonly used as cell markers in immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. There are

Target Details

more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. CD7 is a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell / B-cell interaction during early lymphoid development.

Synonym: CD7

Molecular Weight:	41.1 kDa
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UniProt:	B2RZ54
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Pathways:	Cell-Cell Junction Organization
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Application Details

Restrictions:	For Research Use only
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Handling

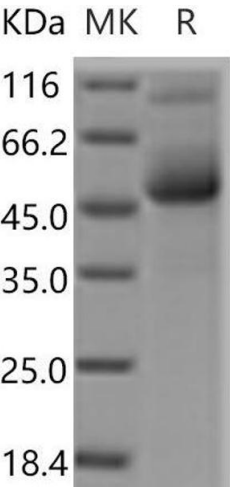
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.