

Datasheet for ABIN6961151  
**CD7 Protein (CD7) (mFc Tag)**[Go to Product page](#)

## 1 Image

## Overview

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

## Product Details

Purpose:	Recombinant human CD7 protein with C-terminal mouse Fc tag
Specificity:	CD7 (Ala26-Pro180) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	CD7
Alternative Name:	CD7 ( <a href="#">CD7 Products</a> )
Background:	Synonyms: CD7,GP40,TP41,LEU-9,Tp40 Description: This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays

## Target Details

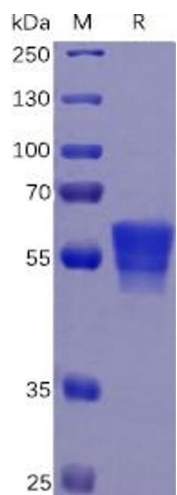
	an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.
Molecular Weight:	predicted molecular mass of 42.7 kDa after removal of the signal peptide. The apparent molecular mass of CD7-mFc is 55-70 kDa due to glycosylation.
Gene ID:	924
UniProt:	<a href="#">P09564</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-20 °C, -80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Human CD7 Protein, mFc Tag on SDS-PAGE under reducing condition.