

Datasheet for ABIN7538174  
**CD7 Protein (CD7) (AA 26-177) (Fc Tag)**



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1 Image

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 50 µg                                     |
| Target:                       | CD7                                       |
| Protein Characteristics:      | AA 26-177                                 |
| Origin:                       | Cynomolgus                                |
| Source:                       | Mammalian Cells                           |
| Protein Type:                 | Recombinant                               |
| Purification tag / Conjugate: | This CD7 protein is labelled with Fc Tag. |

## Product Details

|                  |   |
|------------------|---|
| Purpose:         | Recombinant Cynomolgus CD7 protein with C-terminal human Fc tag                                       |
| Specificity:     | CD7 (Ala26-Ser177) hFc (Glu99-Ala330)   |
| Characteristics: | Extracellular Domain Protein  |
| Purification:    | Purified from cell culture supernatant by affinity chromatography                                     |
| Purity:          | The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining. |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | CD7   |
| Alternative Name: | CD7 ( <a href="#">CD7 Products</a> )  |
| Background:       | This gene encodes a transmembrane protein which is a member of the immunoglobulin |

## Target Details

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. [provided by RefSeq, Jul 2008]

**Molecular Weight:** predicted molecular mass of 42.2 kDa after removal of the signal peptide. The apparent molecular mass of cCD7-hFc is 55-70 kDa due to glycosylation.

**UniProt:** [A0A2K5VA18](#)

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

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

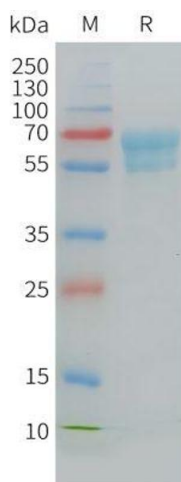
**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**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

## Images



### SDS-PAGE

**Image 1.** Cynomolgus CD7 Protein, hFc Tag on SDS-PAGE under reducing condition.