

Datasheet for ABIN6964149  
**CD73 Protein (AA 27-549) (Fc Tag)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µg
Target:	CD73 (NT5E)
Protein Characteristics:	AA 27-549
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD73 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Human CD73 Protein with C-terminal human Fc tag
Specificity:	CD73 (Trp27-Ser549) 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:	CD73 (NT5E)
Alternative Name:	<a href="#">CD73 (NT5E Products)</a>
Background:	The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion

## Target Details

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of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011]

Molecular Weight: predicted molecular mass of 84.1 kDa after removal of the signal peptide. The apparent molecular mass of CD73-hFc is 55-100 kDa due to glycosylation.

UniProt: [P21589](#)

Pathways: [Synaptic Membrane](#), [Ribonucleoside Biosynthetic Process](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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

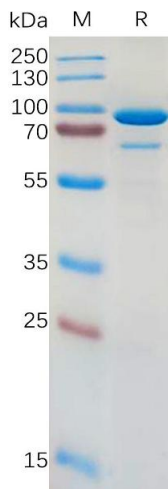
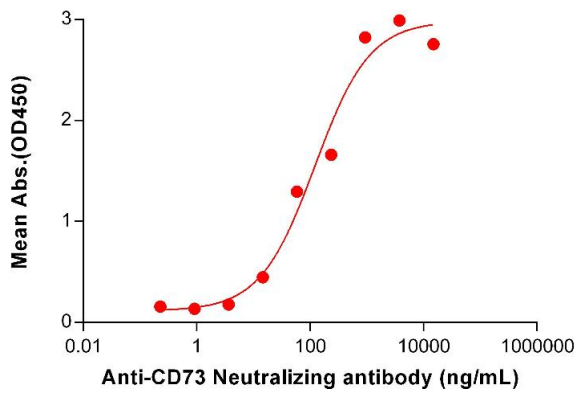
Storage: -20 °C, -80 °C

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

### Human CD73, hFc Tagged protein ELISA

0.2 µg of Human CD73, hFc tagged protein per well



### ELISA

**Image 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD73 Protein, hFc Tag (ABIN6964149, ABIN7042505 and ABIN7042506) can bind Anti-CD73 Neutralizing antibody ABIN7478021 and ABIN7490975 in a linear range of 3.66-937.50 ng/mL.

### SDS-PAGE

**Image 2.** Human CD73 Protein, hFc Tag on SDS-PAGE under reducing condition.