



[Go to Product page](#)

Datasheet for ABIN7504958  
**CD74 Protein (AA 73-296) (His tag)**

### Overview

Quantity:	100 µg
Target:	CD74
Protein Characteristics:	AA 73-296
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD74 protein is labelled with His tag.
Application:	Immunogen (Imm)

### Product Details

Sequence:	Gln73-Met296
Characteristics:	A DNA sequence encoding the Human CD74 protein (P04233) (73Q-296M) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.

### Target Details

Target:	CD74
Alternative Name:	CD74 ( <a href="#">CD74 Products</a> )
Background:	Abbreviation: CD74 Target Synonym: CD 74, CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated), CD74 Molecule, major histocompatibility complex, class II

## Target Details

---

invariant chain,CLIP,DHLA2,Gamma chain of class II antigens,HG2A,HLA class II histocompatibility antigen gamma chain,HLA DR antigens associated invariant chain,HLA DR gamma,HLA-DR antigens-associated invariant chain,HLA-DR-gamma,HLADG,HLADR antigens associated invariant chain,Ia antigen associated invariant chain,Ia antigen-associated invariant chain,Ia associated invariant chain,Ia gamma,Invariant polypeptide of major histocompatibility complex class II antigen associated,Ia-gamma,Major histocompatibility complex class II invariant chain,MHC HLA DR gamma chain,MHC HLA-DR gamma chain,p33,p35,Protein 41

Background: Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to the endosomal/lysosomal system where the antigen processing and binding of antigenic peptides to MHC class II takes place. Serves as cell surface receptor for the cytokine MIF.

---

Molecular Weight: Calculated MW: 26.6 kDa  
Observed MW: 30-33 kDa

---

UniProt: [P04233](#)

---

Pathways: [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Negative Regulation of intrinsic apoptotic Signaling](#), [Cancer Immune Checkpoints](#)

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

---

Comment: used as Immunogen for (ABIN6999918, ABIN7234286, ABIN7234287 and ABIN7234288)

---

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

---

Buffer: Lyophilized from sterile PBS, pH 7.4.  
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

---

Storage: 4 °C,-20 °C,-80 °C

---

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.

---

## Handling

---

Expiry Date: 12 months