

## Recombinant Human CD74 protein, His-tagged

**Cat. No.** CD74-2227H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD74 protein(NP_004346.1)(Gln73-Met232), fused with N-terminal His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln73-Met232
<b>Tag</b>	N-His
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human CD74 at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CD74 Antibody, hFc Tag with the EC50 of 4.4ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 19.1 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

**Reconstitution**

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name**

CD74 CD74 molecule, major histocompatibility complex, class II invariant chain [ Homo sapiens ]

**Official Symbol**

CD74

**Synonyms**

CD74; CD74 molecule, major histocompatibility complex, class II invariant chain; CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen associated) , DHLAG; HLA class II histocompatibility antigen gamma chain; gamma chain of class II antigens; HLA DR gamma; Ia associated invariant chain; MHC HLA DR gamma chain; p33; HLA-DR-gamma; MHC HLA-DR gamma chain; Ia-associated invariant chain; HLA-DR antigens-associated invariant chain; CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated); II; DHLAG; HLADG; Ia-GAMMA; FLJ98970;

**Gene ID**

972

**mRNA Refseq**

NM\_001025158

**Protein Refseq**

NP\_001020329

**MIM**

142790

**UniProt ID**

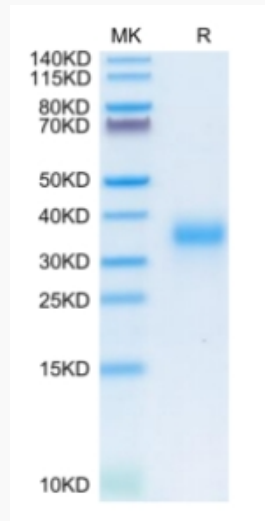
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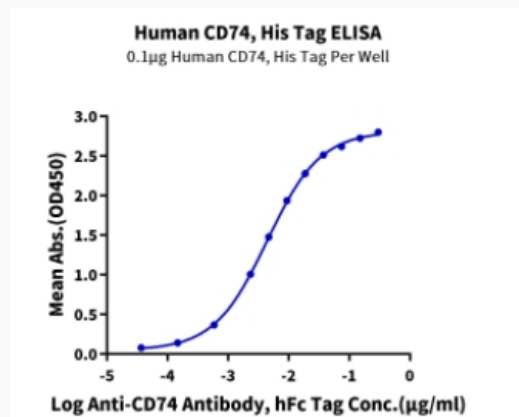
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**Tris-Bis PAGE**



**ELISA Data**



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