

Active Recombinant Human CD74 protein, His-tagged, Low Endotoxin

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

SPECIFICATION

Product Overview	Recombinant Human CD74 protein(NP_004346.1)(Gln73-Met232), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	73-232 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	The protein has a predicted MW of 19.1 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution 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

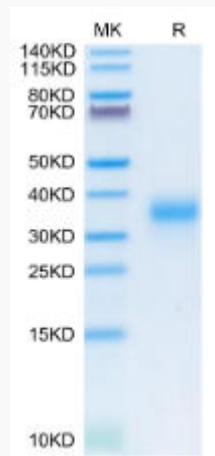
UniProt ID P04233

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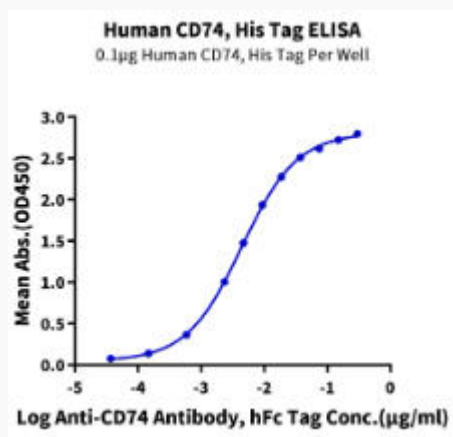
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Bis-Tris PAGE



ELISA Data



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