Recombinant Human CD74 Protein, DYKDDDDK-tagged

Cat. No. CD74-151H **Lot. No.** (See product label)

SPECIFICATION

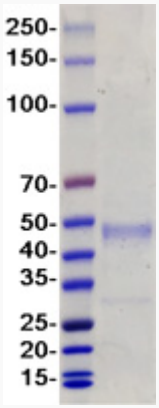
Product Overview	Recombinant Human CD74 molecule(CD74), transcript variant 1(NM_001025159), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers 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.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.123, without any preservatives.
Molecular Mass	33.3 kDa
Endotoxin	Endotoxin level is < 0.1 ng/ɡ of protein (<1EU /ɡ)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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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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SDS-PAGE	

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