

Recombinant Mouse Cd74 Protein, MYC/DDK-tagged

Cat. No. Cd74-1231M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) (Cd74), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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 compartments where peptide loading of class II takes place.
Molecular Mass	24.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Cd74 CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) [Mus musculus (house mouse)]
Official Symbol	Cd74
Synonyms	Cd74; CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated); Ii; CLIP; DHLAG; HLADG; Ia-GAMMA; H-2 class II histocompatibility antigen gamma chain; HLA-DR-GAMMA; Ia-associated invariant chain; MHC class II-associated invariant chain; class II-associated invariant chain peptide; dinucleotide microsatellite; histocompatibility: class II antigens, gamma chain of; ia antigen-associated invariant chain; invariant polypeptide of major histocompatibility complex, class II antigen-associated
Gene ID	16149
mRNA Refseq	NM_010545
Protein Refseq	NP_034675
UniProt ID	Q545Y5

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