

## Recombinant Mouse Cd74 Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	24.9 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 g/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Cd74 CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Cd74
<b>Synonyms</b>	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
<b>Gene ID</b>	16149
<b>mRNA Refseq</b>	NM_010545
<b>Protein Refseq</b>	NP_034675
<b>UniProt ID</b>	Q545Y5

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