

## Active Recombinant Mouse Cd74 Protein, HA-tagged

Cat. No. Cd74-641M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Cd74 (Accession # NP_034675) Gln56-Leu215, fused with an N-terminal HA-tag (YPYDVPDYA), was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	Gln56-Leu215
<b>Predicted N Terminal</b>	Tyr
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of HeLa human cervical epithelial carcinoma cells. When $5 \times 10^4$ cells per well are added to Recombinant Mouse CD74 coated plates, cell adhesion is enhanced in a dose dependent manner. The ED50 for this effect is typically 0.3-1.5 µg/mL. Optimal dilutions should be determined by each laboratory for each application.
<b>Molecular Mass</b>	Recombinant Mouse Cd74, HA-tagged has a calculated MW of 19.4 kDa. In SDS-PAGE migrates as 26-40 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.

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**Storage**

Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

**GENE INFORMATION**
**Gene Name**

Cd74 CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) [ *Mus musculus* ]

**Official Symbol**

Cd74

**Synonyms**

CD74; CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated); H-2 class II histocompatibility antigen gamma chain; HLA-DR-GAMMA; dinucleotide microsatellite; Ia-associated invariant chain; Ia antigen-associated invariant chain; MHC class II-associated invariant chain; class II-associated invariant chain peptide; histocompatibility: class II antigens, gamma chain of; invariant polypeptide of major histocompatibility complex, class II antigen-associated; Ii; CLIP; DHLAG; HLADG; Ia-GAMMA;

**Gene ID**

16149

**mRNA Refseq**

[NM\\_001042605](#)

**Protein Refseq**

[NP\\_001036070](#)

**MIM**

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