

Active Recombinant Mouse Cd74 Protein, HA-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	Gln56-Leu215
Predicted N Terminal	Tyr
Form	Lyophilized from a 0.2 μ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of HeLa human cervical epithelial carcinoma cells. When 5×10^4 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.
Molecular Mass	Recombinant Mouse Cd74, HA-tagged has a calculated MW of 19.4 kDa. In SDS-PAGE migrates as 26-40 kDa, reducing conditions.
Purity	>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).
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GENE INFORMATION

Gene Name	Cd74 CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) [<i>Mus musculus</i>]
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Official Symbol	Cd74
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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;
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Gene ID	16149
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mRNA Refseq	NM_001042605
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Protein Refseq	NP_001036070
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