

## Recombinant Mouse Cd74 protein, His & T7-tagged

**Cat. No.** Cd74-6871M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Cd74 aa. (Leu64~Val205 (Accession # P04441)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                                               |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Leu64~Val205                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 20.0kDa.                                                                                                                                                                                                                                                                                                             |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                           |
| <b>Characteristic</b>   | The isoelectric point is 9.5.                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                                       |
| <b>Stability</b>        | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed.<br>(Referring from China Biological Products Standard, which was calculated by the |

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## 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**

Ii; CLIP; DHLAG; HLADG; Ia-GAMMA; 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; H-2 class II histocompatibility antigen gamma chain

**Gene ID**

16149

**mRNA Refseq**

NM\_001042605.1

**Protein Refseq**

NP\_001036070.1

**UniProt ID**

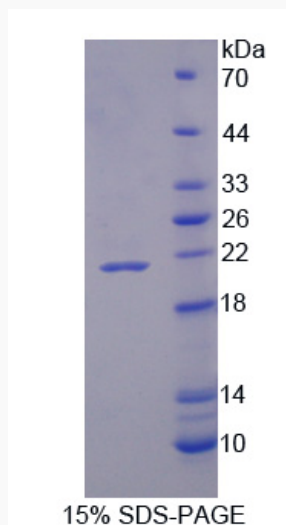
P04441

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SDS-PAGE



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