

## Recombinant Mouse Cd99 Protein, His-tagged

**Cat. No.** Cd99-709M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Cd99 Protein (Ala27-Gly137) with His tag was expressed in E. coli.                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Ala27-Gly137                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | Acts upstream of or within several processes, including T cell extravasation; myeloid dendritic cell activation; and positive regulation of neutrophil extravasation. Located in cell surface. Is expressed in several structures, including alimentary system; genitourinary system; immune system; liver; and lung. Orthologous to human CD99 (CD99 molecule (Xg blood group)). |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 14.2 kDa; Accurate Molecular Mass: \                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                                                        |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for                                                                                                                                                                                                     |

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

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

**Storage Buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

Cd99 CD99 antigen [ *Mus musculus* (house mouse) ]

**Official Symbol**

Cd99

**Synonyms**

CD99; CD99 antigen; D4; Pilr-I; 1110061M03Rik; 2410026K10Rik;

**Gene ID**

673094

**mRNA Refseq**

NM\_025584

**Protein Refseq**

NP\_079860

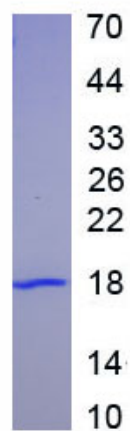
**UniProt ID**

Q8VCN6

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