

Recombinant Mouse Cd99 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Cd99 Protein (Ala27-Gly137) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala27-Gly137
Description	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)).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.2 kDa; Accurate Molecular Mass: \
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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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